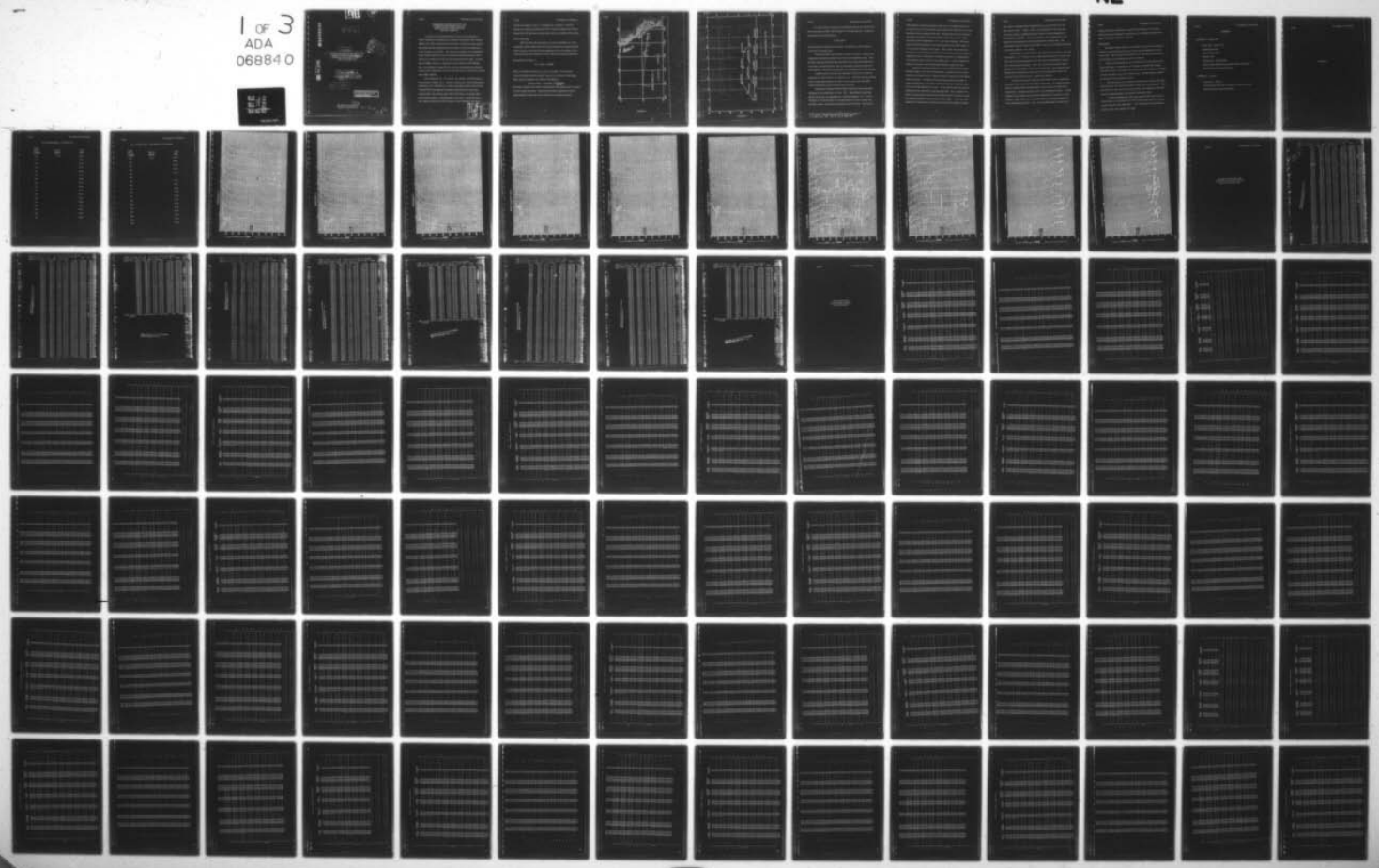
AD-A068 840 SIPPICAN CORP MARION MA F/G 8/10
EXPENDABLE SOUND VELOCITY AND TEMPERATURE PROBE (XSVT) TO INFER--ETC(U)
1978 N00014-77-C-0769
UNCLASSIFIED R-929 NL

1 OF 3
ADA
068840



(14) R-929

(6) EXPENDABLE SOUND VELOCITY AND TEMPERATURE PROBE (XSVT) TO INFER SALINITY VERSUS DEPTH SEA TEST RESULTS.

(9) FINAL REPORT.

CONTRACT N00014-77-C-0769

(15)

(11) 1978

The Sippican Corporation
Marion, Massachusetts

EXPENDABLE SOUND VELOCITY AND TEMPERATURE PROBE (XSVT) TO INFER SALINITY VERSUS DEPTH SEA TEST RESULTS

A quantity of 156 Expendable Sound Velocity and Temperature (XSVT) Probes were manufactured by Sippican Corporation under Contract N00014-77-C-0769 to determine the feasibility of manufacturing an expendable probe that simultaneously measures sound velocity and temperature to infer salinity versus depth. The existing technologies of the Expendable Sound Velocity (XSV) Probe and the Expendable Bathythermograph (XBT) Probe were combined to create the dual-functioning XSVT probe. A prototype AN/BQH-7 Recorder, designed to record submarine XBT (SSXBT) data, was modified to accept XSV data and was reprogrammed to simultaneously record temperature and sound velocity data on a strip chart recorder and on tape cassettes.

From September 12 - 20, 1978 Dr. M. Miyake, of the Institute of Ocean Sciences, Sidney, B.C., Canada, conducted the "Line-P Experiment" aboard the C.S.S. PARIZEAU to compare the Sippican XSVT probe and the Grundy(XCTD) probe against the Plessey Model 9050 STD with sound velocity probe, the Guildline Model 7800 CTD system, the Ramsey MKI sound velocity sensor, and hydrographic bottle casts. During the experiment Sippican launched 110 XSVT probes at twelve stations in the North

Pacific (see Figures 1 and 2). At Station SN1 and Station 7, 36 XSVT probes were deployed to provide the XSVT comparison against the Plessey Model 9050 STD with sound velocity sensor that is the subject of this report.

DATA ANALYSIS

Data from the CTD cast Number 17 made on September 17, 1978, beginning at 20:20 at Station SN1 have been compared with a series of XSVT probe launches at the same location beginning at 19:25 and ending at 22:27. XSVT probe data were sampled at 100 ms intervals during probe descents.

The equation for depth is:

$$H = 5.706t - 0.0026t^2$$

Where H is depth in meters and t is time in seconds. For every five meters of descent the above equation was used to calculate t at that depth. Since data were sampled every 100 ms, the equation:

$$\text{Sample number} = t(\text{seconds}) \times \frac{10 \text{ Samples}}{\text{Second}}$$

gives(when rounded to the nearest whole number) that sample which is closest to a given depth increment. This process allowed comparison of data at approximately 5 meter intervals as listed in the computer printouts.

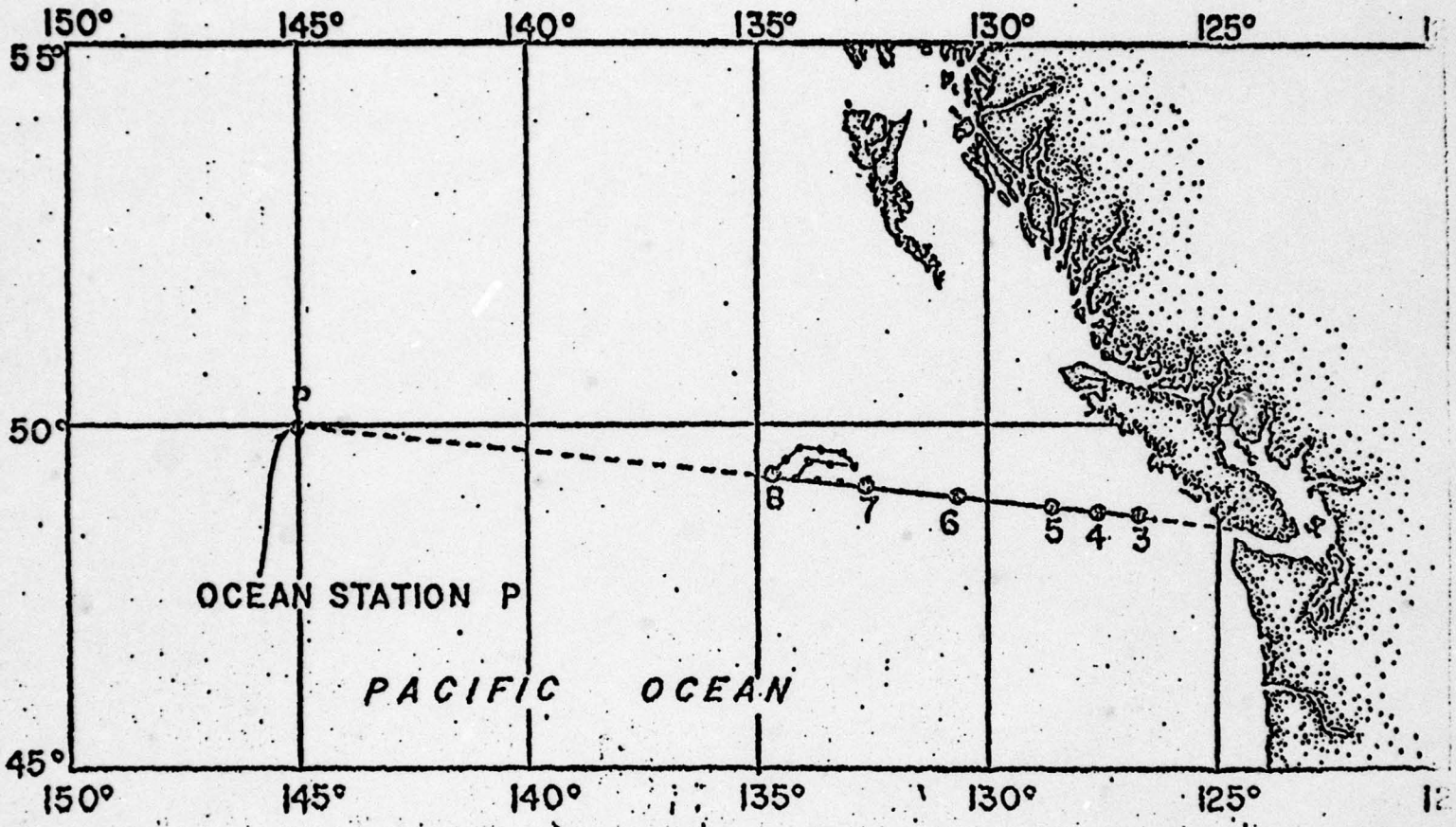

150°
145°
140°
135°
130°
125°
55°
50°
45°
P
B
7
6
5
4
3
OCEAN STATION P
PACIFIC OCEAN

FIGURE 1

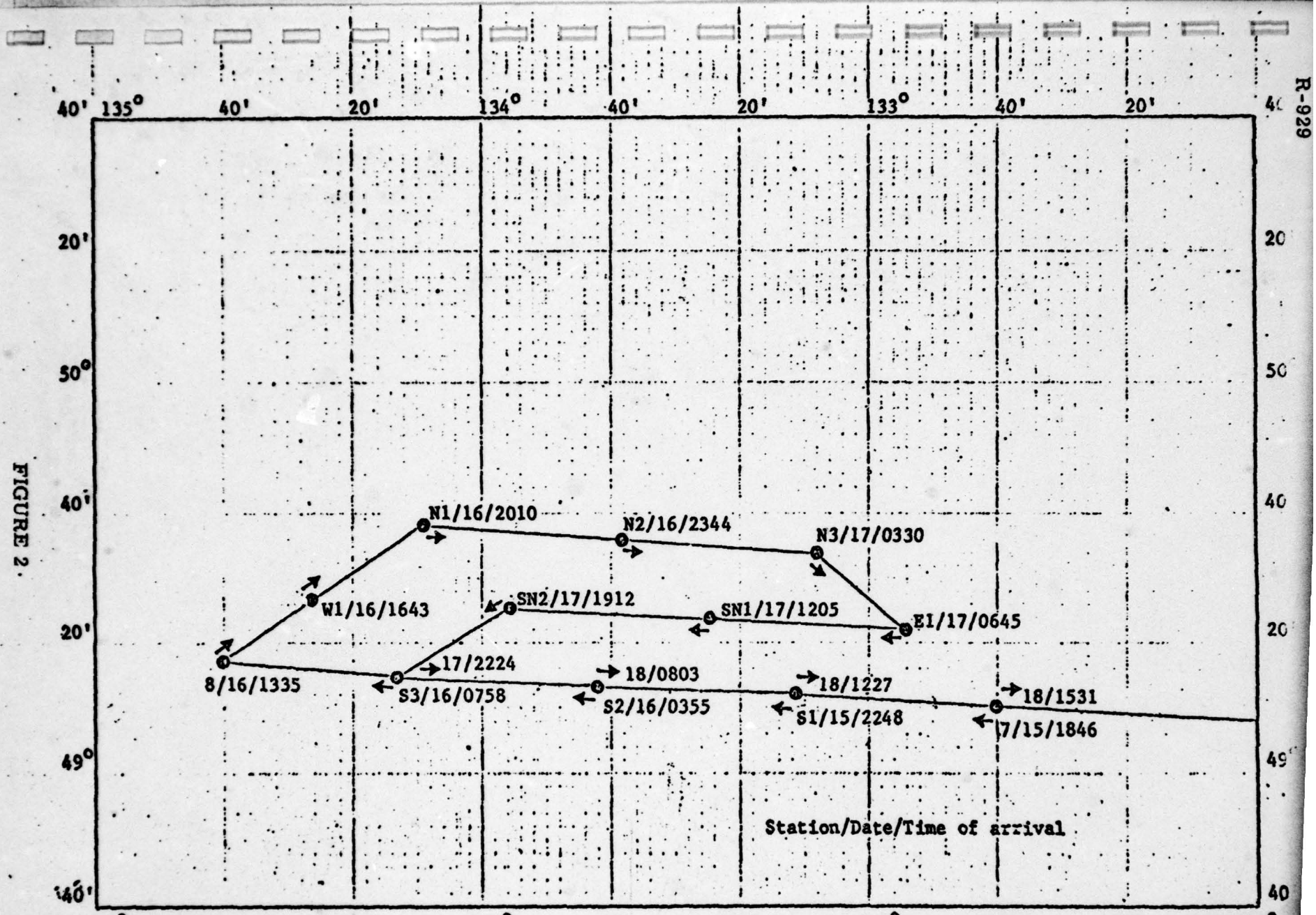


FIGURE 2.

FIG. 2 Station positions and ship's course.

R-929

For each 5 meter increment recorded sound velocity and temperature data were used in Lovett's third equation* to calculate salinity. Pressure in the equation was calculated from:

$$P = H(1.0072)$$

which produces no larger than an overall .1% depth error when compared to the cast 17 pressure data.

Thirty-six probes were launched at the SN-1 location. Twenty-seven probes provided both acceptable sound velocity and temperature data. Temperature data were disrupted after 400 meters for many of the probes due to wire leaks, but sound velocity, which is essentially immune to minor wire leak problems, continued to provide good data throughout most of the launches.

Computer plots of the data (see Appendix) show the cast 17 data for temperature, sound velocity, and salinity in red. All XSVT plots are in black and are right-shifted exactly two major chart divisions from each other. Probe identification is given directly below each plot.

Comparison of plotted CTD and XSVT temperature data shows good agreement in the mixed layer to within .08°C. Repeatability is good also. Sound velocity data are repeatable but consistently high by .2 to .3 m/sec. Detection of the thermocline occurs approximately 8 meters deeper with the XSVT probes, and is fairly consistent for all the probes. The 8-meter

*J. R. Lovett, "Merged Seawater Sound-Speed Equations," J. Acoust. Soc. Am., Vol. 63, No. 6, June 1978

offset appears continuous throughout those areas of changing temperature or sound velocity and is somewhat undiscernible after 300 meters due to the smoothness and consistency of the data. Salinity plots show low frequency oscillation around the CTD salinity profile in the order of .25 to .5HZ, with peak-to-peak amplitudes of .2 to .5 parts per thousand. The fluctuations are fairly symmetrical and center along the CTD profile within .1 to .2 parts per thousand in most cases. Their causes are due mostly to the presence of low frequency and 60-cycle interference in the DC sourced temperature data. Calculation of salinity thus produces an amplification of the inherent noise as shown on the salinity plots. Drastic salinity deviations are caused by wire leaks grossly offsetting temperature data.

Based on recent tests performed at the NATIONAL SPACE TECHNOLOGY LABS, it has been determined that a significant error in sound velocity is introduced due to a change in ambient temperature of the potted probe electronics. Carefully controlled measurements of a number of probes revealed that a 10°C drop in ambient temperature produced a positive error of approximately .2 m/sec. All the probes used in the Line-P Experiment were calibrated at approximately 25°C; thus, storage of the probes at temperatures less than 25°C would introduce an offset error and the resulting readings would be proportionately higher. It was also determined that the thermal time constant of the electronics potting was about

four minutes, although almost insignificant here since the drop time was under three minutes. Finally, another contributing factor has since been discovered causing a significant positive offset to the data independent of environmental conditions. After the transducers were calibrated the wire leads were shortened prior to final assembly into the probe body. The shortening of the leads caused a fixed offset in the carrier frequency resulting in a positive offset of .1 to .3m/sec.

Conclusively, all sound velocity data gathered in this test are expected to be high by .1 to .3 m/sec. due to a calibration problem and .2 m/sec. per 10°C drop in storage temperature from 25°C due to the temperature sensitivity of the electronics package. Thus, the accuracy of the salinity data is limited by the inaccuracies of the sound velocity data. Close analysis of the salinity plots reveals that in most cases the average salinity follows that measured by the CTD to within ± .2 parts per thousand.

A number of corrective steps have been taken since this experiment to improve the accuracy and reliability of future data. An attempt has been made to minimize 60-cycle interference in the recorder by shielding the transformer, rerouting the power wires, and installing line filters. A noise problem on the bridge circuit has been eliminated by the removal of a high frequency signal which was in close proximity to an analog-to-digital converter integrating capacitor. Also, more stringent probe calibration pro-

cedures have been incorporated, transducer lead lengths are maintained, and the electronics package is being analyzed in an attempt to minimize the effects of ambient temperature changes.

PROBLEMS

1. The sound velocity offset can be caused by a temperature ceofficient problem in the thin-film hybrid circuit and by the shortening of the transducer leads. The transducer lead length can be controlled in future probes but the hybrid circuit problem has not been resolved.

2. Noise on temperature data can be caused by recorder-induced noise, by the XSV signal, or possibly by the Guildline or Plessey STD coupling noise into the wire. Corrections have been made to the production AN/BQH-7 recorder to reduce the recorder-induced noise. Further testing is needed to determine if noise problems remain.

3. The XSVT probe wire consistently fouled with the cable of the Guildline or Plessey instruments due to poor weather and wind conditions. When the XSVT wire came into contact with the cable, the insulation of the XSVT wire was usually damaged, degrading the temperature data.

It would be misleading to determine a probe yield on this sea test. The incidence of wire leaks for the XSVT probe should equal the incidence of wire leaks for a new XBT probe. The XSV portion of the probe functioned in most cases despite wire leaks.

APPENDIX

APPENDIX 1 - Station SN1

Probe Index - Station SN1

Temperature Plots

Sound Velocity Plots

Salinity Plots

Temperature - Salinity Plots

Plessey Model 9050 STD with Sound Velocity Probe Data

XSVT Data Plus Calculated Salinity

APPENDIX 2 - Station 7

Probe Index - Station 7

Plessey Model 9050 STD with Sound Velocity Probe Data

XSVT Data Plus Calculated Salinity

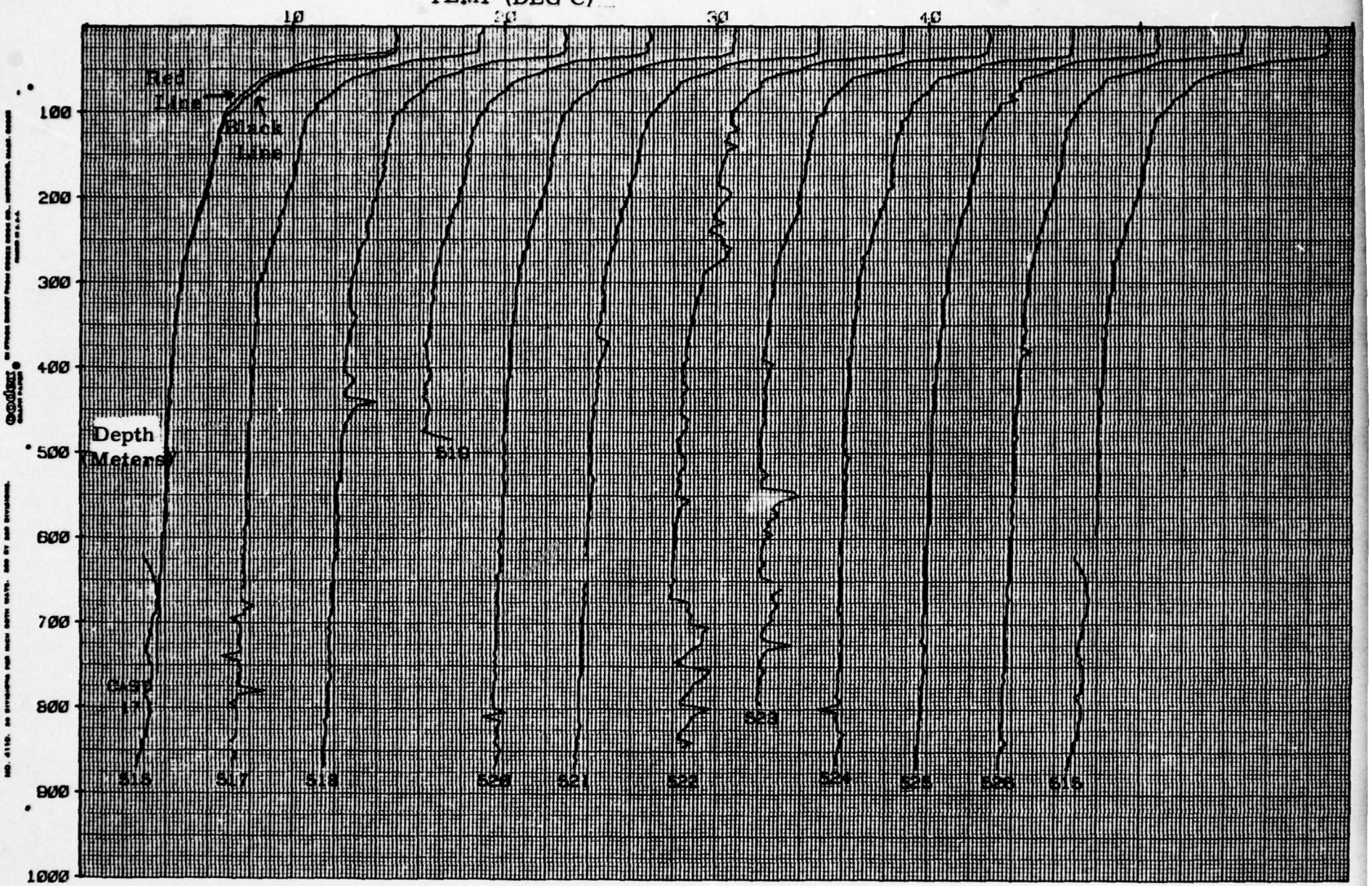
APPENDIX 1

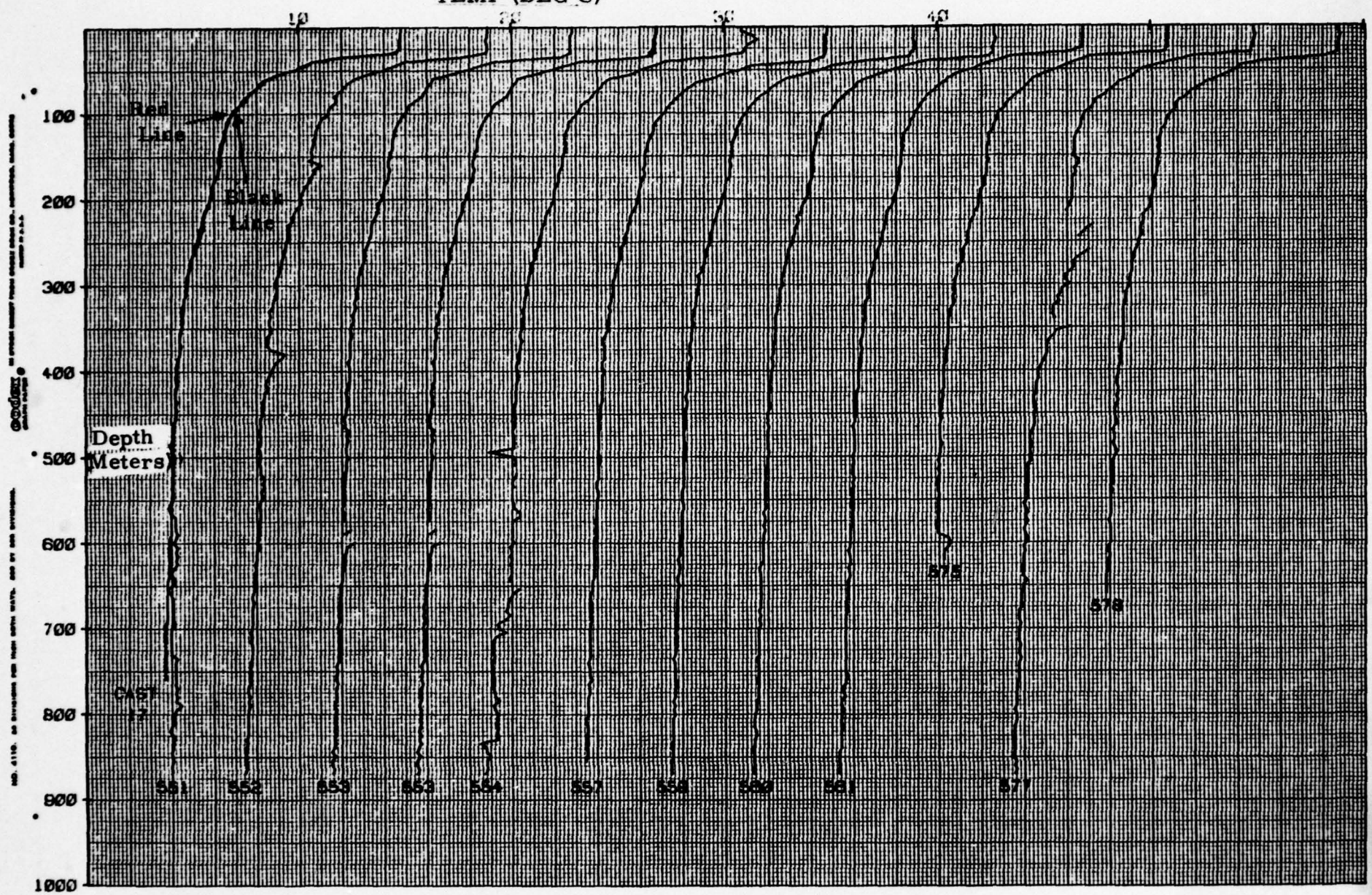
XSVT PROBE INDEX - STATION SN-1

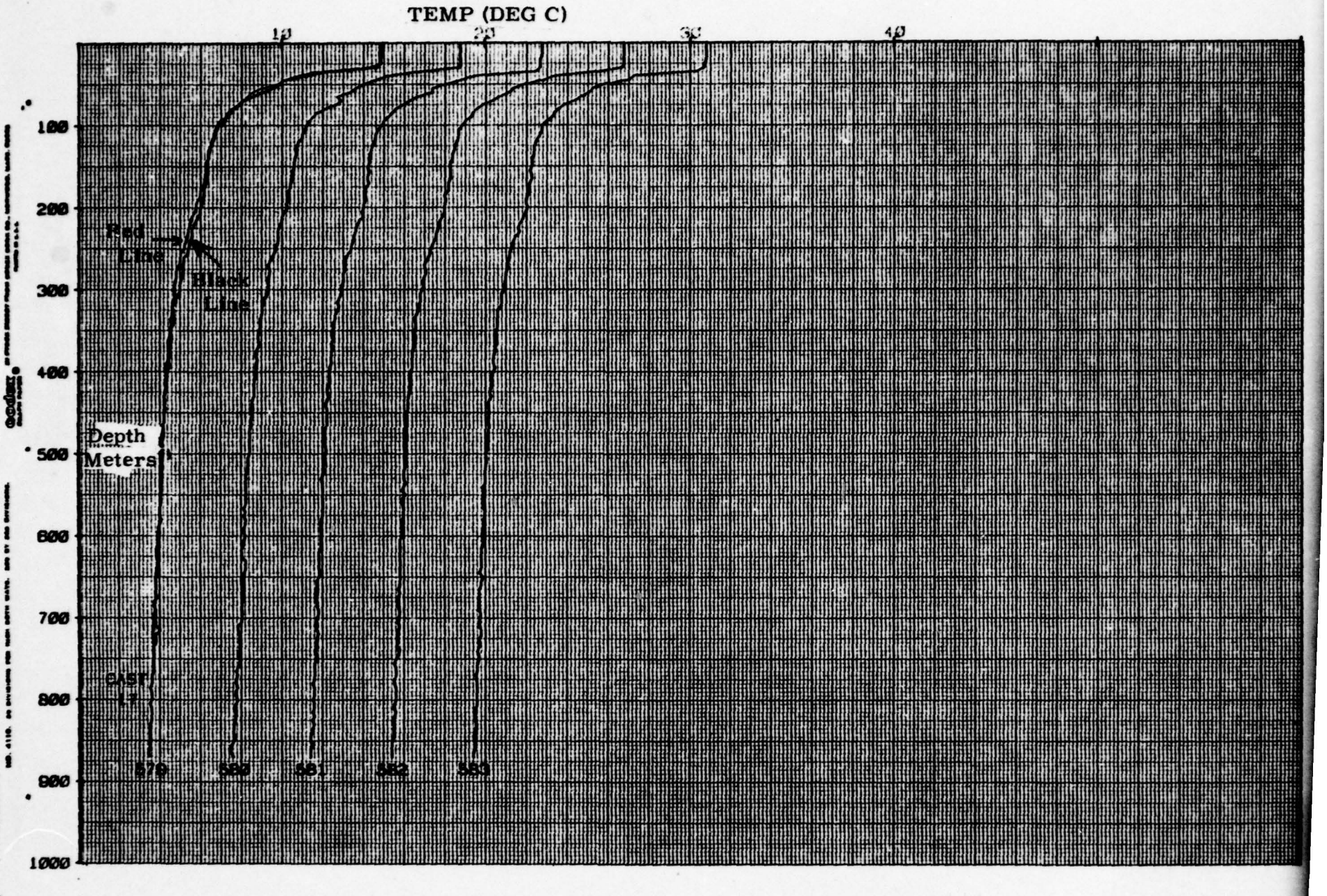
Probe Serial Number	Date of Launch	Time Zulu
515	9/17	19:25
516		19:30
517		19:35
518		19:39
519		19:46
520		19:51
521		19:56
522		20:00
523		20:05
524		20:10
525		20:15
526		20:19
551		20:25
552		20:29
553		20:34
554		20:38
555		20:44

XSVT PROBE INDIX - STATION SN-1 (Continued)

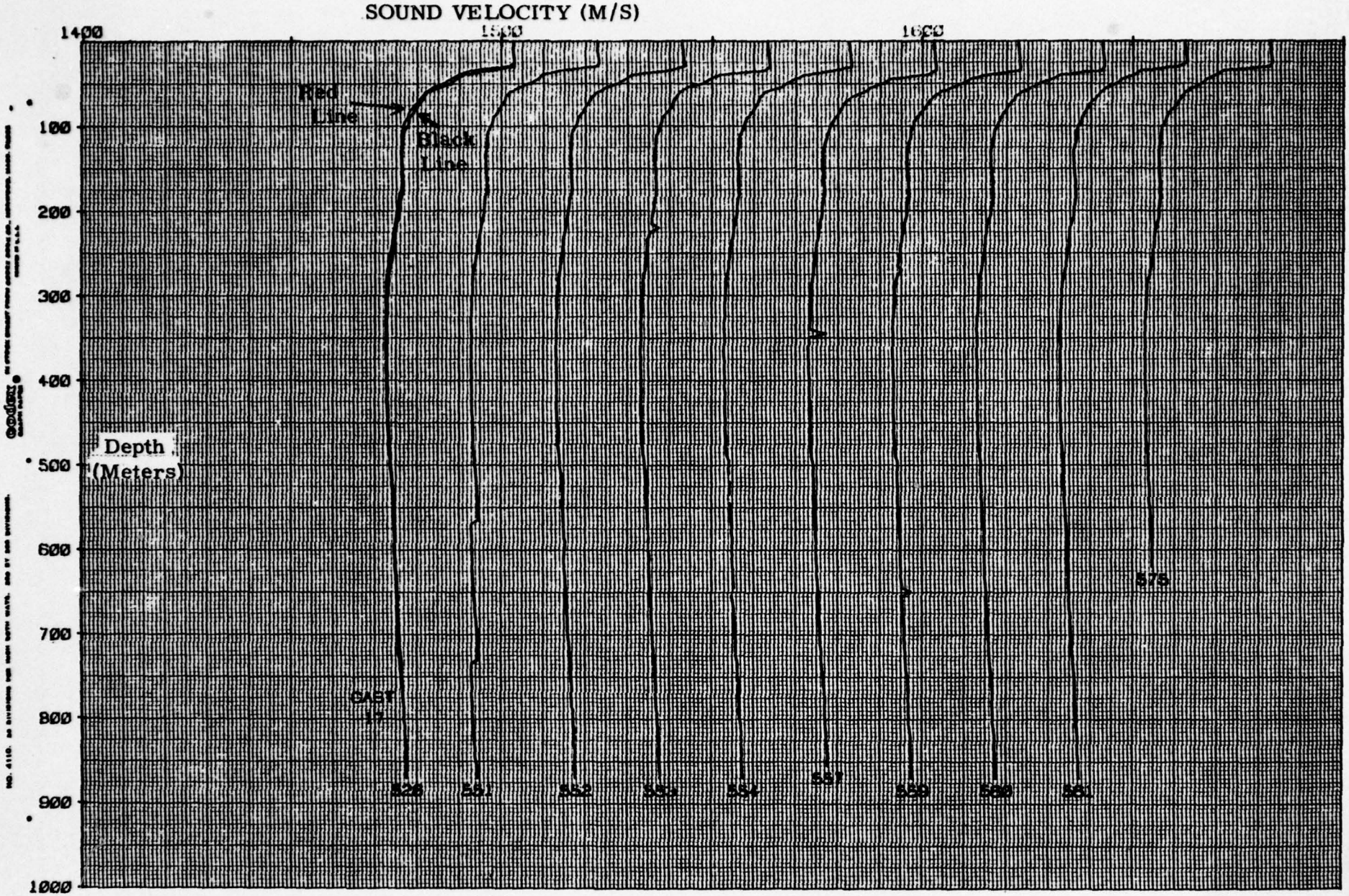
Probe Serial Number	Date of Launch	Time Zulu
556	9/17	20:49
557		20:50
558		21:00
559		21:05
560		21:10
561		
575		21:22
576		21:31
577		21:35
578		21:43
579		21:48
580		21:53
581		21:59
582		22:03
583		22:12
584		22:18
585		22:22
586		22:27


TEMP (DEG C)
10
20
30
40
Red Line
Black Line
100
200
300
400
500
600
700
800
900
1000
Depth (Meters)
Cast 17
S19
S18
S17
S18
S20
S21
S22
S23
S24
S25
S26
S19

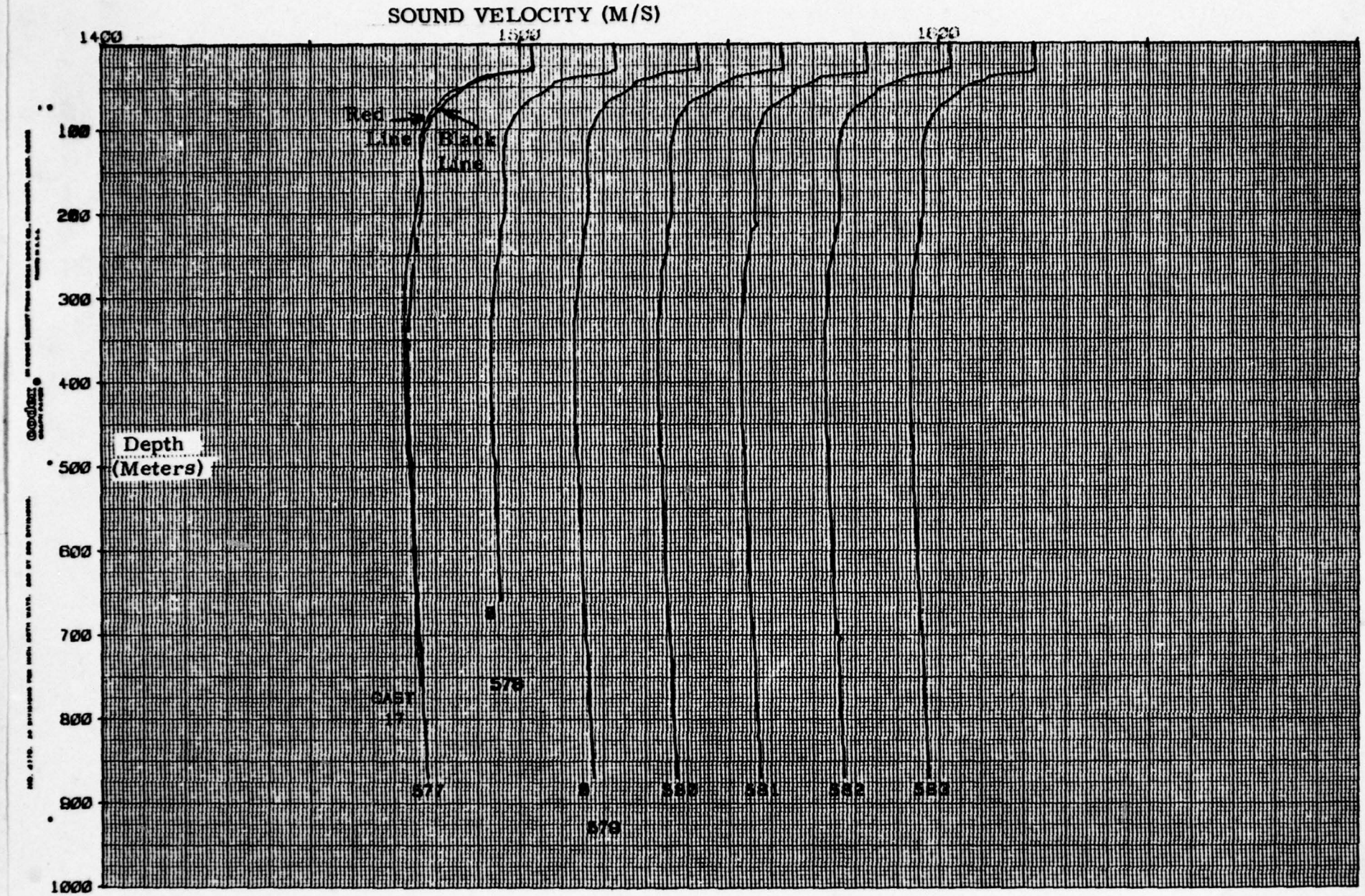

TEMP (DEG C)
10
20
30
40
Red Line
Black Like
100
200
300
400
500
600
700
800
900
1000
Depth Meters
CAST 17
551
552
553
563
554
557
558
560
561
571
575
578

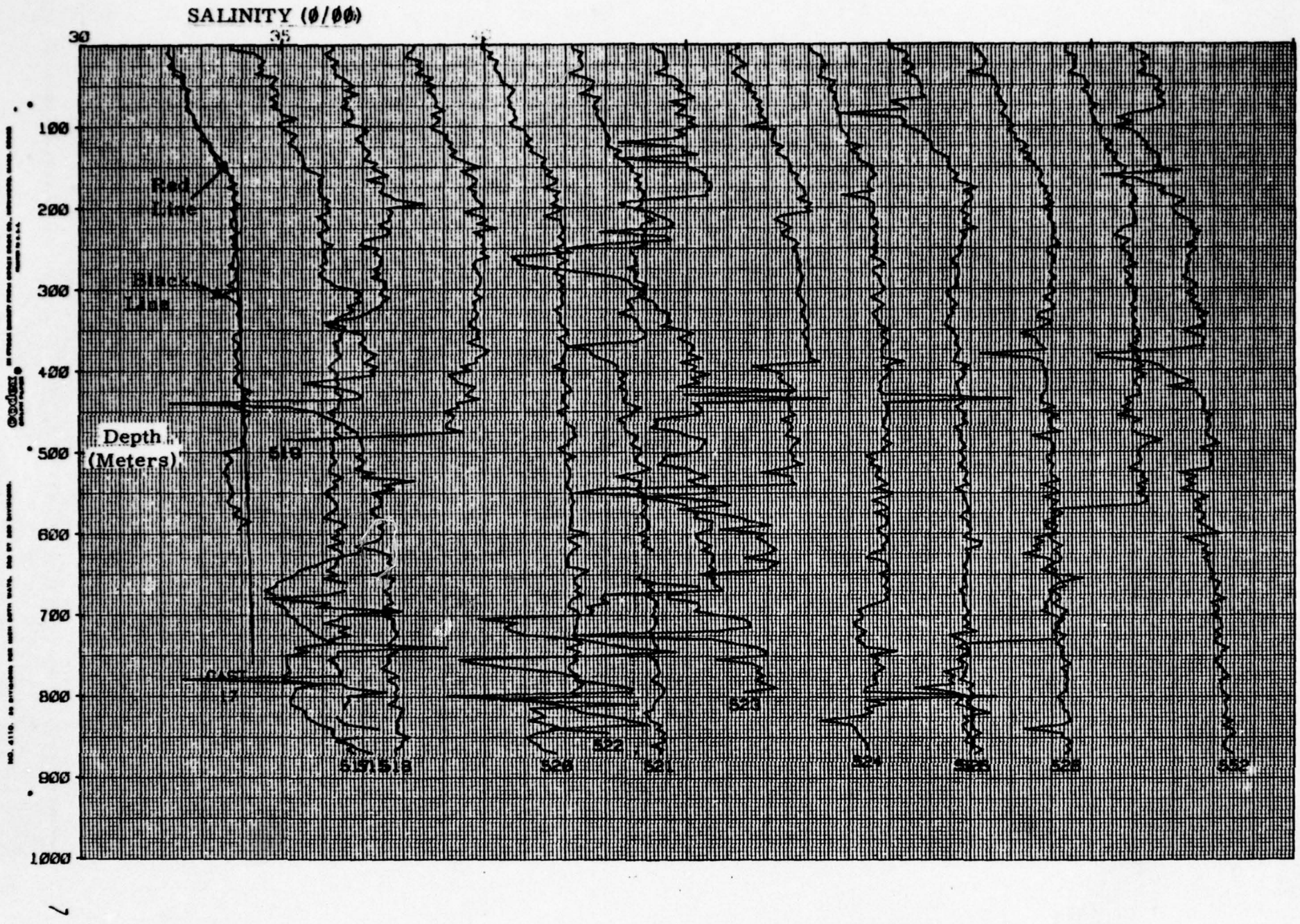

TEMP (DEG C)
10
20
30
40
100
200
300
400
500
600
700
800
900
1000
Red Line
Black Line
Depth Meters
EAST
579
580
581
582
583

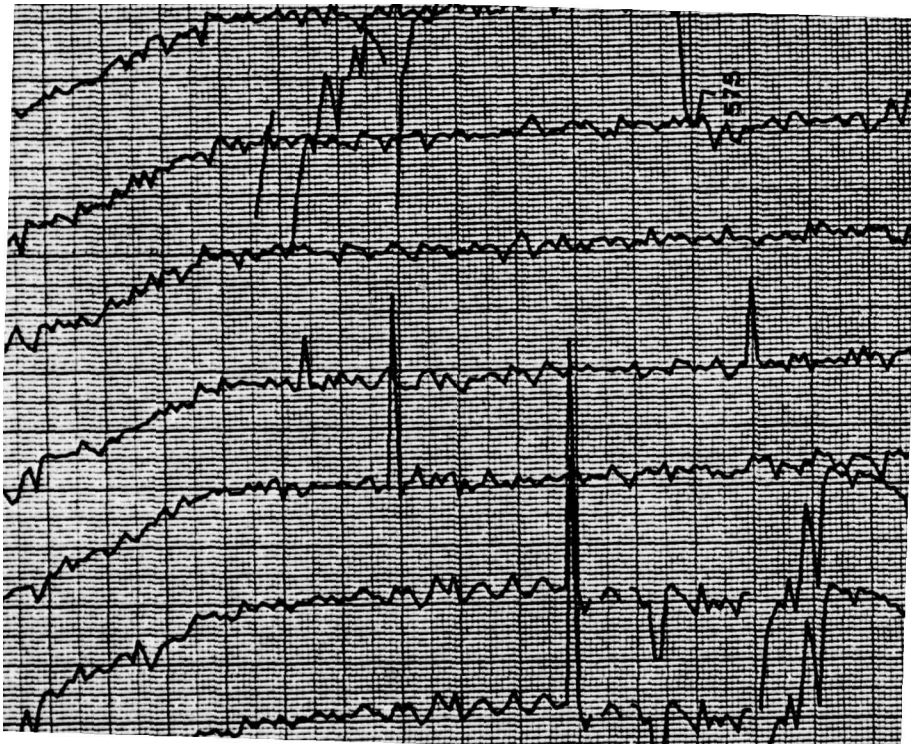

SOUND VELOCITY (M/S)
1400
1600
100
200
300
400
500
600
700
800
900
1000
Depth
(Meters)
Red
Line
Black
Line
CAST
15
515
517
518
519
520
521
522
523
524
525

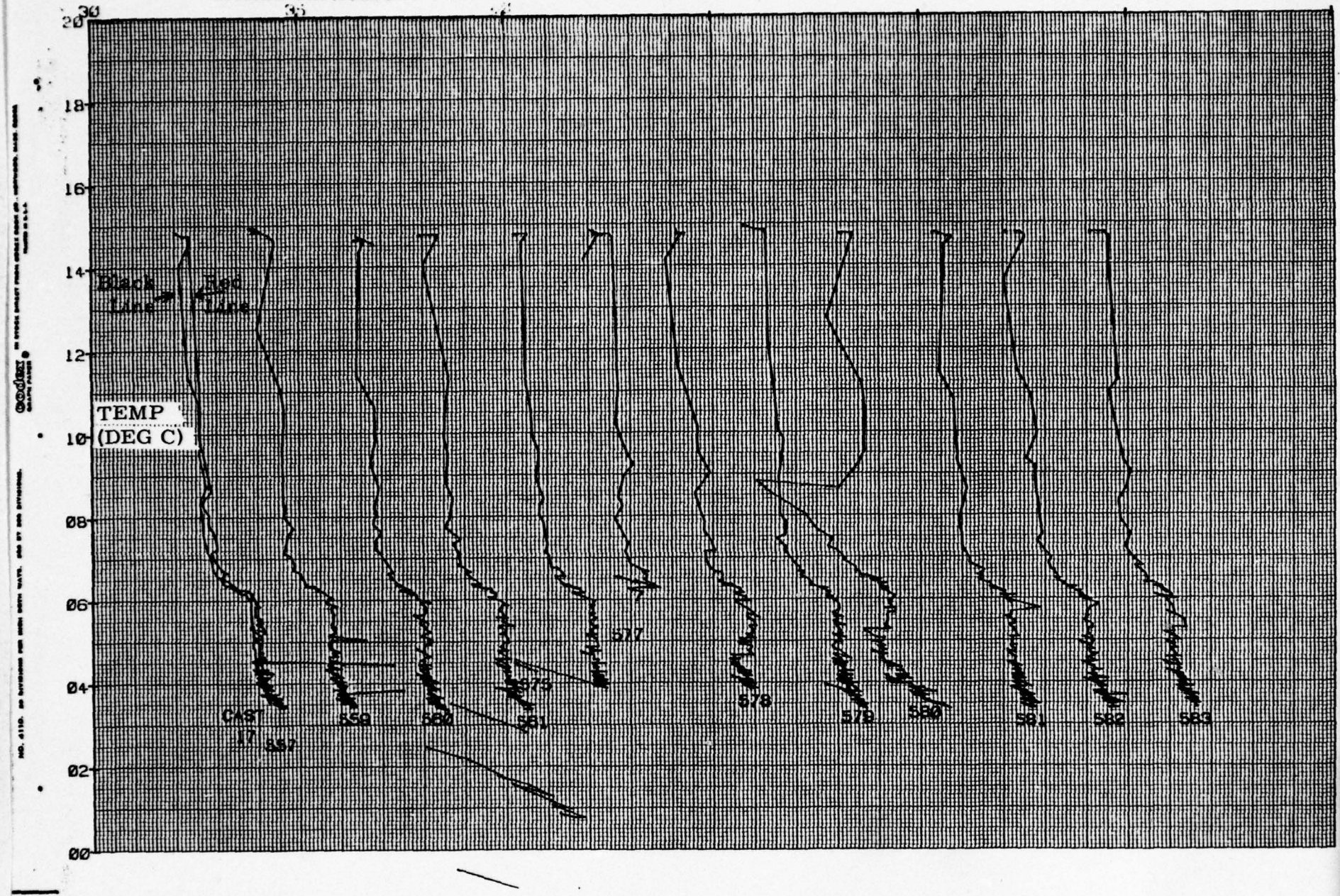

SOUND VELOCITY (M/S)
1400
1500
1600
Red Line
Black Line
100
200
300
400
500
600
700
800
900
1000
Depth (Meters)
EAST 17
528
551
552
554
557
559
560
561
575

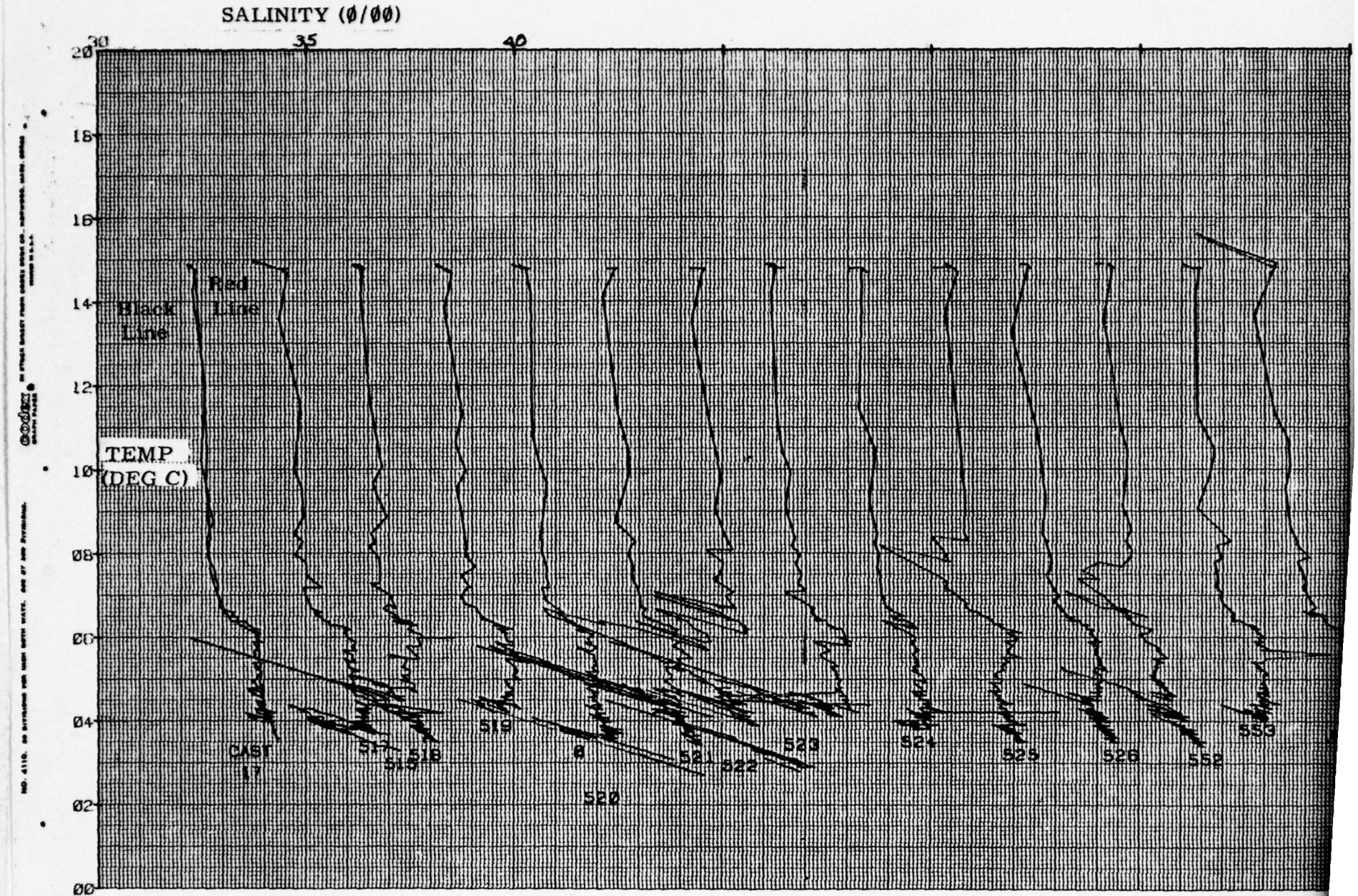
5


SOUND VELOCITY (M/S)
1400
1500
1600
100
200
300
400
500
600
700
800
900
1000
Depth
(Meters)
Red
Line
Black
Line
576
577
579
580
581
582
583


SALINITY (Ø/ØØ)
30
35
100
200
300
400
500
600
700
800
900
1000
Red Line
Black Line
Depth (Meters)
518
CAC 17
515
518
526
522
521
523
524
526
528
532




SALINITY (Ø/ØØ)
30
35
20
18
16
14
12
10
08
06
04
02
00
Black Line
Red Line
TEMP (DEG C)
CAST 17
557
559
560
561
577
578
579
580
581
582
583


SALINITY (Ø/ØØ)
30
35
40
20
18
16
14
12
10
08
06
04
02
00
Red Line
Black Line
TEMP (DEG C)
CAST 17
517
518
519
520
521
522
523
524
525
526
552
553

PLESSEY MODEL 9050 STD
WITH SOUND VELOCITY PROBE
DATA AT STATION SN1

CTHE P ;8 Mls. East of Position 49 24'N 130-25.3W
CTD Sensor Number 6220 Spike removal Lovett #2 Page 1
Date: 09/17/78 Time: 2020 & 19seconds

SN 1

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
5.0	5.0	14.77	32.92	1502.85	1502.86	-0.01
10.0	10.0	14.77	32.32	1502.91	1502.93	-0.02
15.0	15.1	14.77	32.33	1503.02	1503.03	-0.01
20.0	20.1	14.77	32.31	1503.09	1503.08	0.01
25.0	25.1	14.75	32.31	1503.07	1503.12	-0.05
30.0	30.2	14.22	-32.37	1501.50	1501.56	-0.06
35.0	35.2	11.48	-32.57	1492.59	1492.66	-0.06
40.0	40.2	10.56	-32.61	1489.48	1489.54	-0.06
45.0	45.3	10.01	-32.59	1487.56	1487.62	-0.06
50.0	50.3	9.61	-32.57	1486.14	1486.20	-0.06
55.0	55.3	8.75	-32.75	1483.26	1483.33	-0.06
60.0	60.4	8.43	32.59	1481.81	1482.04	-0.23
65.0	65.4	8.17	32.63	1480.99	1481.15	-0.16
70.0	70.4	7.92	-32.67	1480.29	1480.35	-0.06
75.0	75.5	7.66	32.67	1479.23	1479.46	-0.23
80.0	80.5	7.36	-32.74	1478.42	1478.48	-0.06
85.0	85.6	7.18	32.79	1477.82	1477.91	-0.09
90.0	90.6	7.06	32.85	1477.47	1477.59	-0.12
95.0	95.6	6.83	-32.90	1476.76	1476.82	-0.06
100.0	100.7	6.70	32.97	1476.42	1476.49	-0.07
105.0	105.7	6.62	33.03	1476.28	1476.36	-0.08
110.0	110.7	6.55	33.08	1476.13	1476.20	-0.07
115.0	115.8	6.49	33.14	1476.07	1476.13	-0.06
120.0	120.8	6.43	33.20	1476.04	1476.06	-0.02
125.0	125.9	6.38	33.28	1476.00	1476.05	-0.05
130.0	130.9	6.36	33.33	1476.04	1476.09	-0.05
135.0	135.9	6.32	33.41	1476.07	1476.13	-0.06
140.0	141.0	6.29	33.49	1476.14	1476.20	-0.06
145.0	146.0	6.23	33.60	1476.12	1476.18	-0.06
150.0	151.0	6.20	33.65	1476.18	1476.21	-0.03
155.0	156.1	6.20	33.67	1476.24	1476.29	-0.05
160.0	161.1	6.17	33.71	1476.28	1476.33	-0.05
165.0	166.2	6.12	33.76	1476.18	1476.27	-0.09
170.0	171.2	6.05	33.80	1476.07	1476.12	-0.05
175.0	176.2	5.99	33.82	1475.88	1476.00	-0.12
180.0	181.3	5.90	33.83	1475.62	1475.71	-0.09
185.0	186.3	5.86	33.83	1475.58	1475.65	-0.07
190.0	191.4	5.81	33.82	1475.41	1475.51	-0.10
195.0	196.4	5.74	33.83	1475.16	1475.31	-0.15
200.0	201.4	5.67	33.84	1475.06	1475.13	-0.07
205.0	206.5	5.61	33.84	1474.89	1474.97	-0.08
210.0	211.5	5.54	33.85	1474.68	1474.79	-0.11
215.0	216.6	5.44	33.88	1474.47	1474.52	-0.05
220.0	221.6	5.40	33.87	1474.34	1474.40	-0.06
225.0	226.6	5.32	33.87	1474.11	1474.19	-0.08
230.0	231.7	5.27	33.87	1473.95	1474.04	-0.09
235.0	236.7	5.23	33.88	1473.90	1473.97	-0.07
240.0	241.8	5.18	33.88	1473.81	1473.88	-0.07
245.0	246.8	5.10	33.89	1473.58	1473.65	-0.07
250.0	251.8	5.05	33.86	1473.30	1473.45	-0.15
255.0	256.9	4.94	33.87	1473.00	1473.13	-0.13
260.0	261.9	4.88	33.91	1472.96	1473.01	-0.05
265.0	267.0	4.86	33.92	1472.94	1473.00	-0.06
270.0	272.0	4.76	33.91	1472.60	1472.67	-0.07
275.0	277.1	4.74	33.91	1472.58	1472.68	-0.10
280.0	282.1	4.69	33.91	1472.48	1472.54	-0.06
285.0	287.1	4.67	33.91	1472.43	1472.53	-0.10
290.0	292.2	4.64	33.92	1472.47	1472.52	-0.05
295.0	297.2	4.63	33.92	1472.50	1472.56	-0.06
300.0	302.3	4.60	33.92	1472.42	1472.50	-0.08

Mean, time & # of sound velocity differences: -0.08 0.043 60

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
305.0	307.3	4.56	33.92	1472.38	1472.45	-0.07
310.0	312.4	4.56	33.94	1472.46	1472.52	-0.06
315.0	317.4	4.54	33.93	1472.47	1472.54	-0.07
320.0	322.4	4.51	33.93	1472.40	1472.48	-0.08
325.0	327.5	4.49	33.94	1472.44	1472.51	-0.07
330.0	332.5	4.46	33.95	1472.41	1472.49	-0.08
335.0	337.6	4.44	33.96	1472.44	1472.49	-0.05
340.0	342.6	4.45	33.96	1472.54	1472.59	-0.05
345.0	347.7	4.41	33.96	1472.43	1472.52	-0.09
350.0	352.7	4.38	33.97	1472.40	1472.47	-0.07
355.0	357.8	4.36	33.98	1472.43	1472.49	-0.06
360.0	362.8	4.34	33.99	1472.45	1472.51	-0.06
365.0	367.8	4.32	33.99	1472.44	1472.51	-0.07
370.0	372.9	4.31	33.98	1472.47	1472.53	-0.06
375.0	377.9	4.29	34.00	1472.50	1472.57	-0.07
380.0	383.0	4.26	34.01	1472.48	1472.54	-0.06
385.0	388.0	4.25	34.01	1472.53	1472.58	-0.05
390.0	393.1	4.23	34.02	1472.53	1472.59	-0.06
395.0	398.1	4.22	34.02	1472.55	1472.62	-0.07
400.0	403.2	4.20	34.02	1472.57	1472.63	-0.06
405.0	408.2	4.19	34.02	1472.61	1472.67	-0.06
410.0	413.3	4.18	34.03	1472.64	1472.71	-0.07
415.0	418.3	4.17	34.03	1472.69	1472.75	-0.06
420.0	423.3	4.15	34.04	1472.69	1472.77	-0.08
425.0	428.4	4.14	34.03	1472.74	1472.78	-0.04
430.0	433.4	4.12	34.05	1472.75	1472.82	-0.07
435.0	438.5	4.11	34.05	1472.79	1472.85	-0.06
440.0	443.5	4.10	34.06	1472.83	1472.89	-0.06
445.0	448.6	4.08	34.06	1472.86	1472.93	-0.07
450.0	453.6	4.07	34.06	1472.86	1472.94	-0.08
455.0	458.7	4.05	34.07	1472.91	1472.97	-0.06
460.0	463.7	4.05	34.07	1472.96	1473.02	-0.06
465.0	468.8	4.02	34.07	1472.96	1473.02	-0.06
470.0	473.8	4.01	34.10	1473.01	1473.07	-0.06
475.0	478.9	4.00	34.08	1473.02	1473.08	-0.06
480.0	483.9	4.02	34.09	1473.20	1473.27	-0.07
485.0	489.0	3.98	34.09	1473.12	1473.19	-0.07
490.0	494.0	3.99	34.12	1473.35	1473.36	-0.01
495.0	499.1	4.02	34.12	1473.48	1473.54	-0.06
500.0	504.1	4.00	34.10	1473.45	1473.53	-0.08
505.0	509.2	3.99	34.12	1473.57	1473.60	-0.03
510.0	514.2	4.01	34.11	1473.71	1473.74	-0.03
515.0	519.3	4.02	34.12	1473.82	1473.87	-0.05
520.0	524.3	4.01	34.11	1473.83	1473.91	-0.08
525.0	529.4	4.00	34.14	1473.93	1473.99	-0.06
530.0	534.4	3.99	34.14	1473.97	1474.03	-0.06
535.0	539.5	4.00	34.15	1474.13	1474.19	-0.06
540.0	544.5	4.02	34.15	1474.27	1474.34	-0.07
545.0	549.6	4.01	-34.16	1474.32	1474.38	-0.06
550.0	554.6	3.95	34.14	1474.20	1474.19	0.01
555.0	559.7	3.92	34.15	1474.07	1474.15	-0.08
560.0	564.7	3.97	34.17	1474.42	1474.48	-0.06
565.0	569.8	3.92	34.15	1474.20	1474.31	-0.11
570.0	574.8	3.90	34.19	1474.38	1474.39	-0.01
575.0	579.9	3.89	34.18	1474.36	1474.42	-0.06
580.0	584.9	3.89	34.16	1474.42	1474.47	-0.05
585.0	590.0	3.89	34.18	1474.50	1474.55	-0.05
590.0	595.0	3.86	34.17	1474.45	1474.51	-0.06
595.0	600.1	3.82	34.16	1474.36	1474.44	-0.08
600.0	605.1	3.81	34.18	1474.39	1474.46	-0.07

0.00 0.019 60

LINE P 78-016 Cast 17 Position 49-24'N 133-25.3W
CTD Sensor Number 6220 Spike removal Lovett #2
Date: 09/17/1978 Time: 2020 & 19seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
605.0	610.2	3.81	34.20	1474.53	1474.58	-0.05
610.0	615.2	3.81	34.20	1474.60	1474.68	-0.08
615.0	620.3	3.79	34.20	1474.58	1474.65	-0.07
620.0	625.3	3.77	34.20	1474.64	1474.68	-0.04
625.0	630.4	3.77	34.19	1474.70	1474.73	-0.03
630.0	635.4	3.77	34.22	1474.78	1474.84	-0.06
635.0	640.5	3.76	34.22	1474.81	1474.89	-0.08
640.0	645.5	3.75	34.22	1474.88	1474.94	-0.06
645.0	650.6	3.74	34.22	1474.90	1474.98	-0.08
650.0	655.6	3.74	34.23	1474.98	1475.05	-0.07
655.0	660.7	3.73	34.23	1475.07	1475.13	-0.06
660.0	665.8	3.74	34.23	1475.18	1475.23	-0.05
665.0	670.8	3.73	34.23	1475.21	1475.29	-0.08
670.0	675.9	3.71	34.23	1475.23	1475.29	-0.06
675.0	680.9	3.70	34.24	1475.24	1475.31	-0.07
680.0	686.0	3.69	34.24	1475.27	1475.35	-0.08
685.0	691.0	3.67	34.25	1475.29	1475.36	-0.07
690.0	696.1	3.65	34.25	1475.31	1475.38	-0.07
695.0	701.1	3.64	34.26	1475.36	1475.43	-0.07
700.0	706.2	3.64	34.25	1475.42	1475.49	-0.07
705.0	711.2	3.63	34.25	1475.45	1475.53	-0.08
710.0	716.3	3.62	34.26	1475.50	1475.58	-0.08
715.0	721.4	3.61	34.27	1475.56	1475.63	-0.07
720.0	726.4	3.61	34.26	1475.65	1475.70	-0.05
725.0	731.5	3.59	34.27	1475.66	1475.73	-0.07
730.0	736.5	3.59	34.27	1475.74	1475.80	-0.06
735.0	741.6	3.58	34.28	1475.81	1475.87	-0.06
740.0	746.6	3.59	34.27	1475.91	1475.98	-0.07
745.0	751.7	3.58	34.28	1475.95	1476.01	-0.06
750.0	756.7	3.58	34.30	1476.07	1476.11	-0.04
755.0	761.8	3.57	34.27	1476.03	1476.12	-0.09
760.0	766.9	3.55	34.29	1476.11	1476.18	-0.07
Mean, Sigma & # of Sound Velocity differences					-0.07	0.014	132

L= 154.00

[illegible] Position [illegible]

CTD Serial Number 0220 Cable removal Lowell #2 Page 1

Date: [illegible] Time: 2125 & 13seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
5.0	5.0	14.75	32.32	1502.75	1502.80	-0.05
10.0	10.0	14.75	32.32	1502.84	1502.89	-0.05
15.0	15.1	14.75	32.32	1502.92	1502.96	-0.04
20.0	20.1	14.75	32.32	1503.01	1503.04	-0.03
25.0	25.1	14.75	32.32	1503.06	1503.13	-0.07
30.0	30.2	14.75	32.32	1503.13	1503.19	-0.06
35.0	35.2	14.55	-32.33	1502.55	1502.65	-0.10
40.0	40.2	11.84	-32.55	1493.84	1493.94	-0.10
45.0	45.3	11.08	-32.54	1491.27	1491.37	-0.10
50.0	50.3	10.12	-32.56	1487.94	1488.05	-0.10
55.0	55.3	9.59	-32.54	1486.08	1486.18	-0.10
60.0	60.4	8.79	-32.61	1483.31	1483.42	-0.10
65.0	65.4	8.43	-32.61	1482.03	1482.13	-0.10
70.0	70.4	8.19	-32.60	1481.19	1481.29	-0.10
75.0	75.5	7.95	32.66	1480.36	1480.54	-0.18
80.0	80.5	7.78	32.65	1479.69	1479.97	-0.28
85.0	85.6	7.55	32.70	1479.02	1479.20	-0.18
90.0	90.6	7.35	32.73	1478.36	1478.56	-0.20
95.0	95.6	7.15	32.78	1477.77	1477.95	-0.18
100.0	100.7	7.00	32.84	1477.25	1477.51	-0.26
105.0	105.7	6.85	32.91	1476.94	1477.09	-0.15
110.0	110.7	6.74	-32.95	1476.72	1476.82	-0.10
115.0	115.8	6.65	33.00	1476.48	1476.60	-0.12
120.0	120.8	6.56	33.06	1476.31	1476.41	-0.10
125.0	125.9	6.47	33.15	1476.13	1476.25	-0.12
130.0	130.9	6.40	33.24	1476.06	1476.16	-0.10
135.0	135.9	6.37	33.29	1476.08	1476.17	-0.09
140.0	141.0	6.35	33.33	1476.13	1476.21	-0.08
145.0	146.0	6.32	33.41	1476.16	1476.28	-0.12
150.0	151.0	6.27	33.51	1476.23	1476.32	-0.09
155.0	156.1	6.25	33.57	1476.29	1476.39	-0.10
160.0	161.1	6.23	33.60	1476.34	1476.43	-0.09
165.0	166.2	6.21	33.64	1476.40	1476.47	-0.07
170.0	171.2	6.18	33.67	1476.39	1476.49	-0.10
175.0	176.2	6.11	33.72	1476.23	1476.36	-0.13
180.0	181.3	6.07	33.75	1476.22	1476.32	-0.10
185.0	186.3	5.99	33.80	1476.07	1476.14	-0.07
190.0	191.4	5.94	33.80	1475.89	1476.03	-0.14
195.0	196.4	5.92	33.82	1475.91	1476.01	-0.10
200.0	201.4	5.89	33.79	1475.78	1475.97	-0.19
205.0	206.5	5.77	33.81	1475.48	1475.60	-0.12
210.0	211.5	5.69	33.83	1475.25	1475.40	-0.15
215.0	216.6	5.65	33.84	1475.13	1475.29	-0.16
220.0	221.6	5.58	33.85	1474.99	1475.11	-0.12
225.0	226.6	5.51	33.84	1474.73	1474.90	-0.17
230.0	231.7	5.44	33.86	1474.60	1474.72	-0.12
235.0	236.7	5.39	33.86	1474.49	1474.60	-0.11
240.0	241.8	5.34	33.86	1474.38	1474.51	-0.13
245.0	246.8	5.31	33.85	1474.31	1474.43	-0.12
250.0	251.8	5.26	33.87	1474.21	1474.32	-0.11
255.0	256.9	5.16	33.88	1473.87	1474.01	-0.14
260.0	261.9	5.13	33.88	1473.90	1474.00	-0.10
265.0	267.0	5.11	33.88	1473.84	1473.98	-0.14
270.0	272.0	5.06	33.88	1473.72	1473.89	-0.17
275.0	277.1	4.99	33.88	1473.49	1473.65	-0.16
280.0	282.1	4.91	33.88	1473.26	1473.42	-0.16
285.0	287.1	4.85	33.89	1473.13	1473.26	-0.13
290.0	292.2	4.79	33.91	1473.02	1473.12	-0.10
295.0	297.2	4.78	33.91	1473.09	1473.18	-0.09
300.0	302.3	4.78	33.91	1473.14	1473.24	-0.10

Mean [illegible] 0.13 0.046 60 4

LINE P 78-016 Cast 18b Position 49 240n 133-25.30w
CTD Sensor Number 6220 Spike removal Lovett #2 Page 2
Date: 09/17/1978 Time: 2125 & 13seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
305.0	307.3	4.74	33.90	1473.08	1473.18	-0.10
310.0	312.4	4.71	33.89	1473.01	1473.11	-0.10
315.0	317.4	4.67	33.91	1472.95	1473.05	-0.10
320.0	322.4	4.64	33.91	1472.89	1473.00	-0.11
325.0	327.5	4.59	33.91	1472.76	1472.88	-0.12
330.0	332.5	4.57	33.93	1472.78	1472.89	-0.11
335.0	337.6	4.53	33.91	1472.65	1472.80	-0.15
340.0	342.6	4.50	33.93	1472.64	1472.78	-0.14
345.0	347.7	4.47	33.97	1472.65	1472.79	-0.14
350.0	352.7	4.46	33.94	1472.65	1472.76	-0.11
355.0	357.8	4.41	33.95	1472.59	1472.69	-0.10
360.0	362.8	4.40	33.96	1472.61	1472.71	-0.10
365.0	367.8	4.38	33.96	1472.63	1472.74	-0.11
370.0	372.9	4.38	33.97	1472.71	1472.81	-0.10
375.0	377.9	4.37	33.98	1472.80	1472.89	-0.09
380.0	383.0	4.36	33.99	1472.80	1472.90	-0.10
385.0	388.0	4.34	33.98	1472.80	1472.91	-0.11
390.0	393.1	4.33	-33.97	1472.83	1472.93	-0.10
395.0	398.1	4.31	33.97	1472.84	1472.95	-0.11
400.0	403.2	4.29	-33.98	1472.83	1472.93	-0.10
405.0	408.2	4.26	33.99	1472.83	1472.94	-0.11
410.0	413.3	4.25	34.01	1472.88	1472.99	-0.11
415.0	418.3	4.24	34.00	1472.94	1473.03	-0.09
420.0	423.3	4.23	34.01	1472.95	1473.05	-0.10
425.0	428.4	4.21	34.01	1472.98	1473.07	-0.09
430.0	433.4	4.19	34.02	1472.96	1473.08	-0.12
435.0	438.5	4.18	34.02	1472.99	1473.11	-0.12
440.0	443.5	4.14	34.04	1472.96	1473.06	-0.10
445.0	448.6	4.14	34.03	1473.01	1473.10	-0.09
450.0	453.6	4.12	34.03	1473.02	1473.14	-0.12
455.0	458.7	4.09	34.04	1473.00	1473.10	-0.10
460.0	463.7	4.09	34.05	1473.08	1473.17	-0.09
465.0	468.8	4.08	34.06	1473.13	1473.23	-0.10
470.0	473.8	4.06	34.06	1473.14	1473.25	-0.11
475.0	478.9	4.08	34.07	1473.31	1473.39	-0.08
480.0	483.9	4.09	34.07	1473.43	1473.52	-0.09
485.0	489.0	4.09	34.08	1473.58	1473.64	-0.06
490.0	494.0	4.13	34.11	1473.82	1473.90	-0.08
495.0	499.1	4.13	34.10	1473.88	1473.98	-0.10
500.0	504.1	4.08	34.08	1473.69	1473.83	-0.14
505.0	509.2	4.05	34.10	1473.74	1473.83	-0.09
510.0	514.2	4.05	34.09	1473.79	1473.90	-0.11
515.0	519.3	4.03	34.10	1473.77	1473.89	-0.12
520.0	524.3	4.02	34.10	1473.81	1473.93	-0.12
525.0	529.4	4.00	34.11	1473.81	1473.94	-0.13
530.0	534.4	3.99	34.12	1473.88	1473.98	-0.10
535.0	539.5	3.97	34.12	1473.90	1474.01	-0.11
540.0	544.5	3.96	34.12	1473.97	1474.06	-0.09
545.0	549.6	3.97	34.13	1474.08	1474.16	-0.08
550.0	554.6	3.95	34.13	1474.08	1474.19	-0.11
555.0	559.7	3.94	34.14	1474.14	1474.24	-0.10
560.0	564.7	3.94	34.13	1474.23	1474.32	-0.09
565.0	569.8	3.94	34.14	1474.30	1474.40	-0.10
570.0	574.8	3.92	34.14	1474.30	1474.42	-0.12
575.0	579.9	3.91	34.15	1474.37	1474.44	-0.07
580.0	584.9	3.92	34.15	1474.48	1474.57	-0.09
585.0	590.0	3.90	34.16	1474.49	1474.59	-0.10
590.0	595.0	3.89	34.16	1474.52	1474.62	-0.10
595.0	600.1	3.88	34.16	1474.54	1474.66	-0.12
600.0	605.1	3.86	34.17	1474.56	1474.67	-0.11

Mean [illegible] 0.10 0.016 60

LINE P 78-016 Cast 18b Position 49-240n 133-25.30w
CTD Sensor Number 6220 Spike removal Lovett #2 Page 3
Date: 09/17/1978 Time: 2125 & 13seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
605.0	610.2	3.84	34.16	1474.53	1474.66	-0.13
610.0	615.2	3.82	34.18	1474.58	1474.68	-0.10
615.0	620.3	3.81	34.16	1474.54	1474.68	-0.14
620.0	625.3	3.76	34.19	1474.54	1474.60	-0.06
625.0	630.4	3.76	34.20	1474.64	1474.72	-0.08
630.0	635.4	3.79	34.20	1474.79	1474.89	-0.10
635.0	640.5	3.77	34.20	1474.79	1474.90	-0.11
640.0	645.5	3.76	34.20	1474.84	1474.95	-0.11
645.0	650.6	3.74	34.21	1474.88	1474.98	-0.10
650.0	655.6	3.74	34.21	1474.93	1475.04	-0.11
655.0	660.7	3.73	34.21	1474.98	1475.08	-0.10
660.0	665.8	3.72	34.22	1475.04	1475.15	-0.11
665.0	670.8	3.72	34.22	1475.15	1475.24	-0.09
670.0	675.9	3.71	34.21	1475.17	1475.27	-0.10
675.0	680.9	3.71	34.23	1475.26	1475.36	-0.10
680.0	686.0	3.71	34.22	1475.32	1475.42	-0.10
685.0	691.0	3.70	34.22	1475.36	1475.48	-0.12
690.0	696.1	3.68	34.24	1475.37	1475.48	-0.11
695.0	701.1	3.67	34.24	1475.40	1475.52	-0.12
700.0	706.2	3.66	34.24	1475.47	1475.58	-0.11
705.0	711.2	3.66	34.25	1475.59	1475.67	-0.08
710.0	716.3	3.67	34.25	1475.67	1475.77	-0.10
715.0	721.4	3.66	34.24	1475.69	1475.83	-0.14
720.0	726.4	3.64	34.25	1475.72	1475.84	-0.12
725.0	731.5	3.64	34.26	1475.81	1475.90	-0.09
730.0	736.5	3.63	34.25	1475.83	1475.96	-0.13
735.0	741.6	3.61	34.26	1475.85	1475.95	-0.10
740.0	746.6	3.63	34.28	1476.07	1476.15	-0.08
745.0	751.7	3.64	34.27	1476.15	1476.26	-0.11
750.0	756.7	3.63	34.27	1476.22	1476.33	-0.11
755.0	761.8	3.63	34.28	1476.32	1476.42	-0.10
760.0	766.9	3.63	34.27	1476.37	1476.48	-0.11

Mean, Sigma & # of Sound Velocity differences -0.11 0.017 32

L= 153.00

LINE P (8 nm. East) [illegible] Position 49 24'N 133 45'W
CTD Serial Number 6220 Spike removal Lovett #2 Page 1
Date: 09/17/1978 Time: 2229 & 28seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
10.0	10.0	14.73	32.32	1502.77	1502.82	-0.05
15.0	15.1	14.73	-32.33	1502.86	1502.92	-0.06
20.0	20.1	14.73	32.33	1502.94	1503.00	-0.06
25.0	25.1	14.74	32.32	1503.01	1503.08	-0.07
30.0	30.2	14.72	32.31	1503.01	1503.12	-0.11
35.0	35.2	11.47	-35.41	1495.94	1496.04	-0.10
40.0	40.2	11.23	32.54	1491.70	1491.86	-0.16
45.0	45.3	10.42	-32.51	1488.90	1489.00	-0.10
50.0	50.3	9.91	32.55	1486.97	1487.26	-0.29
55.0	55.3	9.40	32.60	1485.44	1485.57	-0.13
60.0	60.4	9.12	-32.59	1484.48	1484.59	-0.10
65.0	65.4	8.52	-32.63	1482.38	1482.48	-0.10
70.0	70.4	8.13	-32.63	1481.01	1481.11	-0.10
75.0	75.5	7.72	32.68	1479.45	1479.67	-0.22
80.0	80.5	7.41	-32.72	1478.52	1478.63	-0.10
85.0	85.6	7.27	32.77	1478.08	1478.22	-0.14
90.0	90.6	7.07	32.81	1477.44	1477.57	-0.13
95.0	95.6	6.93	32.87	1477.07	1477.20	-0.13
100.0	100.7	6.77	32.95	1476.62	1476.74	-0.12
105.0	105.7	6.70	33.00	1476.55	1476.64	-0.09
110.0	110.7	6.66	33.04	1476.54	1476.59	-0.05
115.0	115.8	6.56	33.07	1476.17	1476.31	-0.14
120.0	120.8	6.47	33.14	1476.03	1476.14	-0.11
125.0	125.9	6.41	33.23	1476.00	1476.10	-0.10
130.0	130.9	6.36	33.31	1475.98	1476.07	-0.09
135.0	135.9	6.33	33.35	1476.04	1476.09	-0.05
140.0	141.0	6.31	33.39	1476.09	1476.16	-0.07
145.0	146.0	6.30	33.38	1476.17	1476.17	-0.00
150.0	151.0	6.28	33.47	1476.21	1476.30	-0.09
155.0	156.1	6.25	33.54	1476.29	1476.36	-0.07
160.0	161.1	6.24	33.58	1476.35	1476.43	-0.08
165.0	166.2	6.20	-33.65	1476.37	1476.47	-0.10
170.0	171.2	6.19	33.66	1476.40	1476.50	-0.10
175.0	176.2	6.15	33.69	1476.33	1476.48	-0.15
180.0	181.3	6.11	33.72	1476.33	1476.43	-0.10
185.0	186.3	6.09	33.74	1476.36	1476.44	-0.08
190.0	191.4	6.05	33.75	1476.33	1476.41	-0.08
195.0	196.4	6.01	33.75	1476.29	1476.31	-0.02
200.0	201.4	5.98	33.71	1476.27	1476.23	0.04
205.0	206.5	5.96	33.81	1476.26	1476.36	-0.10
210.0	211.5	5.91	33.81	1476.06	1476.24	-0.18
215.0	216.6	5.74	33.81	1475.54	1475.64	-0.10
220.0	221.6	5.69	33.82	1475.36	1475.52	-0.16
225.0	226.6	5.61	33.85	1475.22	1475.32	-0.10
230.0	231.7	5.59	33.86	1475.26	1475.34	-0.08
235.0	236.7	5.53	33.85	1475.04	1475.16	-0.12
240.0	241.8	5.46	33.86	1474.84	1474.96	-0.12
245.0	246.8	5.38	33.87	1474.63	1474.75	-0.12
250.0	251.8	5.30	33.86	1474.33	1474.49	-0.16
255.0	256.9	5.19	33.87	1474.05	1474.14	-0.09
260.0	261.9	5.16	33.87	1473.94	1474.10	-0.16
265.0	267.0	5.12	33.85	1473.81	1473.99	-0.18
270.0	272.0	5.06	33.89	1473.73	1473.86	-0.13
275.0	277.1	5.03	33.89	1473.72	1473.83	-0.11
280.0	282.1	5.00	33.90	1473.71	1473.79	-0.08
285.0	287.1	4.99	33.90	1473.75	1473.85	-0.10
290.0	292.2	4.95	33.90	1473.68	1473.79	-0.11
295.0	297.2	4.91	33.89	1473.59	1473.69	-0.10
300.0	302.3	4.86	33.90	1473.47	1473.57	-0.10
305.0	307.3	4.80	33.90	1473.31	1473.42	-0.11

Mean, sigma & # of sound velocity differences -0.11 0.049 60

LINE P 78-016 Cast 19c Position 49-24'N 133-25'W
CTD Sensor Number 6220 Spike removal Lovett #2 Page 2
Date: 09/17/1978 Time: 2229 & 28seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
310.0	312.4	4.76	33.91	1473.22	1473.31	-0.09
315.0	317.4	4.73	33.89	1473.11	1473.27	-0.16
320.0	322.4	4.65	33.91	1472.92	1473.03	-0.11
325.0	327.5	4.60	33.91	1472.78	1472.90	-0.12
330.0	332.5	4.57	33.92	1472.81	1472.89	-0.08
335.0	337.6	4.56	33.93	1472.85	1472.93	-0.08
340.0	342.6	4.53	-33.94	1472.79	1472.89	-0.10
345.0	347.7	4.52	33.94	1472.85	1472.93	-0.08
350.0	352.7	4.51	33.94	1472.90	1472.99	-0.09
355.0	357.8	4.50	33.95	1472.95	1473.05	-0.10
360.0	362.8	4.49	33.94	1472.94	1473.05	-0.11
365.0	367.8	4.46	33.94	1472.94	1473.02	-0.08
370.0	372.9	4.44	33.95	1472.99	1473.06	-0.07
375.0	377.9	4.44	33.96	1473.02	1473.13	-0.11
380.0	383.0	4.41	33.96	1472.97	1473.08	-0.11
385.0	388.0	4.38	33.96	1472.96	1473.05	-0.09
390.0	393.1	4.36	33.94	1472.97	1473.01	-0.04
395.0	398.1	4.35	33.98	1473.00	1473.11	-0.11
400.0	403.2	4.32	33.98	1473.00	1473.09	-0.09
405.0	408.2	4.31	33.98	1472.99	1473.10	-0.11
410.0	413.3	4.29	33.99	1473.02	1473.10	-0.08
415.0	418.3	4.28	33.99	1473.05	1473.16	-0.11
420.0	423.3	4.25	34.00	1473.01	1473.12	-0.11
425.0	428.4	4.24	34.00	1473.07	1473.17	-0.10
430.0	433.4	4.22	-34.02	1473.09	1473.19	-0.10
435.0	438.5	4.20	34.01	1473.06	1473.18	-0.12
440.0	443.5	4.16	34.02	1473.04	1473.13	-0.09
445.0	448.6	4.16	34.02	1473.11	1473.19	-0.08
450.0	453.6	4.15	34.04	1473.18	1473.27	-0.09
455.0	458.7	4.15	34.05	1473.27	1473.35	-0.08
460.0	463.7	4.15	34.05	1473.35	1473.44	-0.09
465.0	468.8	4.16	34.05	1473.47	1473.55	-0.08
470.0	473.8	4.17	34.07	1473.60	1473.69	-0.09
475.0	478.9	4.15	34.07	1473.60	1473.70	-0.10
480.0	483.9	4.14	34.06	1473.65	1473.75	-0.10
485.0	489.0	4.11	34.08	1473.59	1473.70	-0.11
490.0	494.0	4.10	34.08	1473.67	1473.75	-0.08
495.0	499.1	4.10	34.08	1473.73	1473.83	-0.10
500.0	504.1	4.08	34.08	1473.75	1473.84	-0.09
505.0	509.2	4.06	34.09	1473.75	1473.85	-0.10
510.0	514.2	4.05	34.10	1473.77	1473.89	-0.12
515.0	519.3	4.04	34.09	1473.82	1473.93	-0.11
520.0	524.3	4.01	34.09	1473.77	1473.90	-0.13
525.0	529.4	3.99	34.11	1473.80	1473.92	-0.12
530.0	534.4	3.97	34.12	1473.84	1473.93	-0.09
535.0	539.5	3.97	34.12	1473.91	1474.00	-0.09
540.0	544.5	3.96	34.13	1473.96	1474.05	-0.09
545.0	549.6	3.95	34.14	1474.02	1474.11	-0.09
550.0	554.6	3.95	34.14	1474.08	1474.18	-0.10
555.0	559.7	3.94	34.14	1474.15	1474.25	-0.10
560.0	564.7	3.94	34.14	1474.20	1474.31	-0.11
565.0	569.8	3.93	34.15	1474.26	1474.35	-0.09
570.0	574.8	3.92	34.15	1474.32	1474.42	-0.10
575.0	579.9	3.91	34.16	1474.36	1474.47	-0.11
580.0	584.9	3.89	34.16	1474.36	1474.46	-0.10
585.0	590.0	3.88	34.18	1474.42	1474.52	-0.10
590.0	595.0	3.88	34.17	1474.48	1474.59	-0.11
595.0	600.1	3.87	34.18	1474.52	1474.64	-0.12
600.0	605.1	3.85	34.16	1474.48	1474.60	-0.12
605.0	610.2	3.80	34.17	1474.40	1474.52	-0.12

LINE P 78-016 Cast 19c Position 49-24'N 133-25'W
CTD Sensor Number 6220 Spike removal Lovett #2
Date: 09/17/1978 Time: 2229 & 28seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
610.0	615.2	3.79	34.18	1474.45	1474.57	-0.12
615.0	620.3	3.77	34.18	1474.49	1474.58	-0.09
620.0	625.3	3.78	34.20	1474.63	1474.71	-0.08
625.0	630.4	3.79	34.20	1474.74	1474.84	-0.10
630.0	635.4	3.79	34.19	1474.80	1474.91	-0.11
635.0	640.5	3.79	34.20	1474.87	1474.97	-0.10
640.0	645.5	3.78	34.20	1474.92	1475.04	-0.12
645.0	650.6	3.77	34.20	1474.97	1475.08	-0.11
650.0	655.6	3.76	34.20	1475.00	1475.10	-0.10
655.0	660.7	3.75	-34.19	1475.03	1475.13	-0.10
660.0	665.8	3.72	34.21	1475.05	1475.15	-0.10
665.0	670.8	3.72	34.22	1475.11	1475.21	-0.10
670.0	675.9	3.71	34.22	1475.17	1475.27	-0.10
675.0	680.9	3.70	34.22	1475.20	1475.31	-0.11
680.0	686.0	3.70	34.23	1475.28	1475.37	-0.09
685.0	691.0	3.71	34.24	1475.47	1475.54	-0.07
690.0	696.1	3.73	34.24	1475.63	1475.71	-0.08
695.0	701.1	3.74	34.25	1475.75	1475.85	-0.10
700.0	706.2	3.74	34.25	1475.81	1475.93	-0.12
705.0	711.2	3.72	34.26	1475.84	1475.94	-0.10
710.0	716.3	3.72	34.26	1475.92	1476.01	-0.09
715.0	721.4	3.72	34.26	1475.98	1476.08	-0.10
720.0	726.4	3.71	34.27	1476.02	1476.13	-0.11
725.0	731.5	3.70	34.27	1476.07	1476.18	-0.11
730.0	736.5	3.69	34.26	1476.08	1476.21	-0.13
735.0	741.6	3.67	34.27	1476.11	1476.23	-0.12
740.0	746.6	3.66	34.27	1476.15	1476.27	-0.12
745.0	751.7	3.65	34.28	1476.22	1476.32	-0.10
750.0	756.7	3.64	34.28	1476.26	1476.35	-0.09
755.0	761.8	3.62	34.27	1476.22	1476.35	-0.13
Mean, Sigma & # of Sound Velocity differences					-0.10	0.014	30

L= 151.00

XSVT DATA PLUS
CALCULATED SALINITY
AT STATION SN1

XSVT PROBE #000515

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.845	32.20	1502.98	1502.98	.00
10.26	10.34	14.855	32.15	1503.06	1503.06	.00
14.82	14.92	14.864	32.24	1503.25	1503.24	-.01
19.94	20.08	14.845	32.32	1503.37	1503.36	-.01
25.06	25.24	14.904	32.18	1503.49	1503.50	.01
30.17	30.39	14.845	32.34	1503.56	1503.55	-.01
35.28	35.53	14.259	32.28	1501.69	1501.70	.00
39.81	40.10	12.071	32.59	1494.80	1494.79	-.01
44.92	45.24	11.309	32.54	1492.19	1492.19	.01
50.01	50.37	10.303	32.48	1488.62	1488.63	.01
55.10	55.50	9.502	32.65	1485.99	1485.98	-.01
60.19	60.62	8.945	32.64	1484.01	1484.02	.01
65.28	65.75	8.603	32.69	1482.87	1482.86	-.01
69.79	70.29	8.427	32.71	1482.31	1482.30	-.01
74.87	75.41	8.164	32.64	1481.32	1481.33	.00
79.94	80.51	7.880	32.66	1480.34	1480.33	-.01
85.01	85.62	7.636	32.83	1479.70	1479.69	-.01
90.07	90.72	7.451	32.81	1479.05	1479.06	.00
95.13	95.81	7.275	32.88	1478.53	1478.52	-.01
100.18	100.90	7.128	32.87	1478.04	1478.05	.01
105.23	105.99	6.835	33.00	1477.13	1477.12	-.01
110.28	111.07	6.737	33.03	1476.87	1476.86	-.01
114.76	115.59	6.698	32.97	1476.72	1476.73	.01
119.80	120.66	6.571	33.25	1476.64	1476.64	-.01
124.83	125.73	6.523	33.21	1476.49	1476.50	.01
129.86	130.80	6.513	33.24	1476.57	1476.56	-.01
134.89	135.86	6.454	33.36	1476.57	1476.56	-.01
139.91	140.92	6.425	33.35	1476.53	1476.54	.01
144.93	145.97	6.386	33.44	1476.57	1476.56	-.01
149.94	151.02	6.357	33.53	1476.64	1476.64	-.01
154.95	156.06	6.317	33.62	1476.68	1476.67	-.01
159.95	161.11	6.249	33.80	1476.72	1476.71	-.01
164.95	166.14	6.249	33.70	1476.68	1476.69	.01
169.95	171.17	6.171	33.89	1476.68	1476.68	.00
174.94	176.20	6.220	33.66	1476.68	1476.69	.01
179.93	181.23	6.093	33.91	1476.57	1476.56	-.01
184.91	186.24	6.073	33.78	1476.42	1476.42	.00
189.89	191.26	6.015	33.79	1476.27	1476.26	-.01
194.87	196.27	5.907	33.95	1476.12	1476.11	-.01
199.84	201.28	5.858	33.73	1475.74	1475.74	.00
204.81	206.28	5.751	33.81	1475.48	1475.47	-.01
209.77	211.28	5.712	33.84	1475.44	1475.44	.00
214.73	216.27	5.683	33.74	1475.29	1475.30	.01
220.23	221.82	5.595	33.75	1475.03	1475.02	-.01
225.18	226.80	5.546	33.81	1474.99	1474.98	-.01
230.12	231.78	5.448	33.94	1474.84	1474.83	-.01
235.07	236.76	5.399	33.73	1474.47	1474.47	.01
240.00	241.73	5.302	33.84	1474.28	1474.28	.00
244.93	246.70	5.311	33.76	1474.32	1474.32	.00
249.86	251.66	5.194	33.94	1474.13	1474.13	.00
254.79	256.62	5.116	33.82	1473.75	1473.76	.01
260.25	262.13	5.048	33.79	1473.53	1473.54	.01
265.17	267.08	4.999	33.81	1473.42	1473.42	.00
270.08	272.02	4.969	33.68	1473.23	1473.23	.00
274.99	276.97	4.842	33.89	1473.04	1473.04	-.01

279.89	281.90	4.833	33.85	1473.04	1473.05	.01
284.79	286.84	4.774	33.89	1472.93	1472.92	-.01
290.23	292.31	4.764	33.79	1472.85	1472.86	.01
295.11	297.24	4.784	33.66	1472.85	1472.86	.00
300.00	302.16	4.696	33.92	1472.89	1472.88	-.01
304.88	307.08	4.764	33.57	1472.82	1472.82	.00
309.76	311.99	4.686	33.68	1472.71	1472.70	-.01
315.17	317.44	4.647	33.86	1472.85	1472.85	.00
320.04	322.34	4.598	33.95	1472.85	1472.85	-.01
324.90	327.24	4.579	33.94	1472.85	1472.86	.01
329.76	332.14	4.559	33.88	1472.78	1472.78	.00
335.16	337.57	4.520	34.01	1472.85	1472.85	-.01
340.01	342.46	4.520	33.94	1472.85	1472.86	.01
344.85	347.34	4.501	33.98	1472.89	1472.89	.00
350.23	352.76	4.413	34.02	1472.67	1472.67	.00
355.07	357.63	4.481	33.84	1472.82	1472.82	.00
359.91	362.50	4.491	33.78	1472.85	1472.87	.01
364.73	367.36	4.442	33.91	1472.89	1472.88	-.01
370.09	372.76	4.413	33.97	1472.93	1472.93	.00
374.92	377.61	4.422	33.84	1472.89	1472.90	.01
380.27	383.00	4.413	33.83	1472.93	1472.94	.01
385.08	387.85	4.393	33.90	1473.00	1473.00	.00
389.88	392.69	4.344	33.94	1472.93	1472.93	.00
395.22	398.07	4.374	33.85	1473.04	1473.05	.01
400.02	402.90	4.344	33.95	1473.12	1473.11	-.01
404.81	407.73	4.315	33.89	1473.00	1473.01	.01
410.13	413.09	4.344	33.81	1473.12	1473.12	.00
414.92	417.91	4.305	33.89	1473.12	1473.11	.00
420.23	423.26	4.266	33.98	1473.15	1473.15	.00
425.01	428.07	4.208	34.25	1473.34	1473.34	.00
429.78	432.87	4.227	34.06	1473.27	1473.28	.01
435.08	438.21	4.217	34.15	1473.42	1473.41	-.01
439.84	443.01	4.276	33.77	1473.27	1473.27	.01
445.13	448.33	4.247	33.84	1473.30	1473.30	.00
449.88	453.12	4.129	34.22	1473.38	1473.38	.00
455.16	458.44	4.129	34.14	1473.38	1473.39	.01
459.90	463.22	4.168	34.04	1473.49	1473.50	.01
465.17	468.52	4.129	34.11	1473.49	1473.49	.00
469.91	473.29	4.110	34.14	1473.53	1473.52	.00
475.17	478.59	4.090	34.10	1473.49	1473.50	.01
479.89	483.35	4.090	34.07	1473.53	1473.54	.01
485.14	488.63	4.100	33.99	1473.57	1473.57	.00
489.86	493.39	4.061	34.13	1473.64	1473.63	-.01
495.10	498.66	4.071	33.96	1473.57	1473.57	.00
499.81	503.41	4.198	33.55	1473.64	1473.65	.01
505.04	508.67	4.129	33.71	1473.64	1473.63	-.01
510.26	513.93	4.120	33.79	1473.79	1473.78	-.01
514.96	518.66	4.149	33.66	1473.83	1473.84	.01
520.17	523.91	4.139	33.63	1473.83	1473.84	.01
524.86	528.63	4.168	33.56	1473.94	1473.95	.01
530.06	533.88	4.110	33.69	1473.94	1473.93	-.01
535.26	539.11	4.110	33.67	1474.02	1474.02	.00
539.93	543.82	4.081	33.72	1474.02	1474.01	.00
545.12	549.04	4.061	33.77	1474.09	1474.08	-.01
549.78	553.74	4.012	33.81	1474.02	1474.00	-.01
554.96	558.96	4.061	33.72	1474.20	1474.20	.00
560.13	564.17	4.071	33.66	1474.24	1474.25	.01
564.79	568.85	4.081	33.72	1474.43	1474.42	.00
569.95	574.05	4.090	34.00	1474.92	1474.91	-.01
575.11	579.25	4.061	33.79	1474.62	1474.62	.01
579.74	583.92	4.061	33.94	1474.88	1474.87	-.01
584.89	589.10	4.022	34.24	1475.18	1475.18	.00
590.04	594.28	4.022	33.99	1474.95	1474.96	.01
595.17	599.46	4.022	33.92	1474.95	1474.96	.01
599.79	604.11	1.404	*****	1474.99	1470.29	.01
604.92	609.27	1.717	*****	1474.69	1469.22	.01

610.04	614.43	2.225	*****	1474.92	1471.52	.01
615.16	619.58	2.645	*****	1474.77	1473.42	.01
619.76	624.22	3.016	36.99	1475.07	1475.06	.00
624.87	629.37	3.035	36.76	1474.95	1474.96	.00
629.97	634.51	3.162	36.28	1474.95	1474.96	.00
635.07	639.64	3.299	36.00	1475.25	1475.26	.00
640.16	644.77	3.377	35.74	1475.33	1475.34	.01
645.25	649.89	3.485	35.41	1475.44	1475.45	.01
649.82	654.50	3.495	35.32	1475.44	1475.45	.01
654.90	659.61	3.553	35.15	1475.55	1475.56	.00
659.97	664.72	3.641	34.86	1475.63	1475.64	.01
665.04	669.82	3.621	34.83	1475.59	1475.60	.01
670.10	674.92	3.700	34.57	1475.67	1475.68	.01
675.15	680.01	3.602	34.83	1475.67	1475.66	-.01
680.20	685.10	3.592	34.79	1475.67	1475.67	.01
685.25	690.18	3.582	34.80	1475.70	1475.70	.00
689.79	694.75	3.475	35.06	1475.67	1475.66	.00
694.82	699.82	3.426	35.15	1475.67	1475.65	-.01
699.85	704.89	3.426	35.11	1475.70	1475.71	.01
704.88	709.95	3.358	35.39	1475.85	1475.84	-.01
709.90	715.01	3.338	35.40	1475.85	1475.85	.00
714.91	720.06	3.270	35.61	1475.93	1475.92	-.01
719.92	725.11	3.221	35.74	1475.97	1475.96	.00
724.93	730.15	3.172	35.86	1476.00	1475.99	-.01
729.93	735.18	3.114	36.08	1476.12	1476.11	.00
734.92	740.21	3.065	36.23	1476.19	1476.18	-.01
739.91	745.24	3.348	35.32	1476.30	1476.31	.01
744.89	750.26	3.231	35.65	1476.30	1476.30	.00
749.87	755.27	3.416	35.11	1476.49	1476.49	.00
754.84	760.28	3.397	35.12	1476.49	1476.48	-.01
759.81	765.28	3.397	35.11	1476.57	1476.58	.01
764.78	770.28	3.377	35.18	1476.64	1476.64	.00
770.23	775.77	3.348	35.23	1476.68	1476.67	-.01
775.18	780.76	3.368	35.03	1476.61	1476.61	.00
780.13	785.74	3.319	35.08	1476.53	1476.52	-.01
785.07	790.72	3.016	36.04	1476.57	1476.56	-.01
790.01	795.69	3.221	35.33	1476.61	1476.62	.01
794.94	800.66	3.270	35.31	1476.87	1476.88	.01
799.86	805.62	3.260	35.25	1476.83	1476.84	.01
804.78	810.58	3.299	35.20	1477.02	1477.02	.00
810.19	816.02	3.270	35.24	1477.02	1477.01	-.01
815.10	820.97	3.221	35.48	1477.21	1477.20	-.01
820.00	825.91	3.162	35.61	1477.21	1477.20	-.01
824.90	830.84	3.153	35.60	1477.25	1477.25	.01
829.80	835.77	3.104	35.77	1477.32	1477.32	.00
835.18	841.19	3.055	35.94	1477.43	1477.42	-.01
840.06	846.11	2.918	36.27	1477.36	1477.35	-.01
844.94	851.02	2.908	36.26	1477.40	1477.40	.00
849.81	855.93	2.879	36.31	1477.40	1477.39	.00
855.16	861.32	2.791	36.53	1477.40	1477.39	.00
860.03	866.22	2.733	36.72	1477.47	1477.47	.00
864.88	871.11	2.684	36.93	1477.62	1477.61	-.01
870.22	876.49	2.606	37.24	1477.77	1477.77	.00

XSVT PROBE #000516

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.825	*****	1405.35	1496.87	.00
10.26	10.33	14.601	*****	1405.35	1496.22	.00
14.81	14.92	14.835	*****	1405.35	1497.06	.00
19.93	20.08	14.777	*****	1405.35	1496.96	.00
25.05	25.23	13.624	*****	1405.35	1493.22	.00
30.16	30.38	14.874	*****	1405.35	1497.44	.00
35.27	35.53	14.308	*****	1405.35	1495.67	.00
39.81	40.10	11.739	*****	1405.35	1486.97	.00

XSVT PROBE #000517

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.991	31.75	1502.94	1502.94	.00
10.26	10.34	14.825	32.35	1503.17	1503.17	.00
14.82	14.92	14.767	32.51	1503.25	1503.25	.00
19.94	20.08	14.757	32.60	1503.41	1503.41	.00
25.06	25.24	14.796	32.44	1503.45	1503.45	.01
30.17	30.39	14.689	32.57	1503.33	1503.32	-.01
35.28	35.53	13.595	32.38	1499.64	1499.64	.00
39.81	40.10	11.602	32.89	1493.53	1493.53	.00
44.92	45.24	10.957	32.84	1491.30	1491.31	.01
50.01	50.37	9.961	32.74	1487.71	1487.71	.00
55.10	55.50	9.580	32.92	1486.60	1486.60	.00
60.19	60.62	8.935	32.96	1484.36	1484.35	.00
65.28	65.75	8.486	32.73	1482.50	1482.50	.00
69.79	70.29	8.281	32.94	1482.04	1482.03	-.01
74.87	75.41	8.046	32.76	1481.02	1481.03	.01
79.94	80.51	7.773	33.02	1480.38	1480.36	-.01
85.01	85.62	7.519	33.04	1479.51	1479.50	-.01
90.07	90.72	7.187	33.40	1478.75	1478.75	-.01
95.13	95.81	7.177	32.96	1478.26	1478.27	.00
100.18	100.90	6.982	33.03	1477.66	1477.65	-.01
105.23	105.99	6.737	33.16	1476.94	1476.94	-.01
110.28	111.07	6.611	33.40	1476.83	1476.83	.00
114.76	115.59	6.601	33.30	1476.76	1476.76	.00
119.80	120.66	6.552	33.21	1476.53	1476.54	.01
124.83	125.73	6.464	33.37	1476.46	1476.45	-.01
129.86	130.80	6.435	33.46	1476.53	1476.53	.00
134.89	135.86	6.366	33.55	1476.46	1476.45	.00
139.91	140.92	6.357	33.57	1476.53	1476.52	-.01
144.93	145.97	6.347	33.60	1476.61	1476.60	.00
149.94	151.02	6.308	33.62	1476.57	1476.56	-.01
154.95	156.06	6.259	33.77	1476.64	1476.63	-.01
159.95	161.11	6.161	34.08	1476.72	1476.72	.00
164.95	166.14	6.181	33.94	1476.72	1476.73	.01
169.95	171.17	6.161	33.98	1476.76	1476.75	.00
174.94	176.20	6.122	33.94	1476.64	1476.66	.01
179.93	181.23	6.073	33.98	1476.57	1476.57	.00
184.91	186.24	6.005	34.01	1476.42	1476.42	.00
189.89	191.26	5.897	34.22	1476.34	1476.33	-.01
194.87	196.27	5.839	34.12	1476.08	1476.08	.00
199.84	201.28	5.712	34.23	1475.78	1475.77	-.01
204.81	206.28	5.683	34.19	1475.70	1475.71	.00
209.77	211.28	5.731	33.89	1475.59	1475.60	.01
214.73	216.27	5.604	34.12	1475.44	1475.44	.00
220.23	221.82	5.546	34.14	1475.33	1475.32	-.01
225.18	226.80	5.438	34.21	1475.07	1475.05	-.01
230.12	231.78	5.458	33.93	1474.88	1474.89	.01
235.07	236.76	5.350	34.04	1474.65	1474.64	-.01
240.00	241.73	5.292	34.05	1474.50	1474.50	.00
244.93	246.70	5.175	34.30	1474.43	1474.43	.00
249.86	251.66	5.184	34.14	1474.35	1474.36	.01
254.79	256.62	5.136	34.05	1474.13	1474.14	.01
260.25	262.13	4.999	34.13	1473.75	1473.74	-.01
265.17	267.08	4.921	34.17	1473.57	1473.56	-.01
270.08	272.02	4.911	33.99	1473.38	1473.39	.01
274.99	276.97	4.842	34.09	1473.30	1473.29	-.01

279.89	281.90	4.833	33.96	1473.19	1473.19	.00
284.79	286.84	4.764	34.07	1473.12	1473.11	-.01
290.23	292.31	4.647	34.23	1472.93	1472.92	-.01
295.11	297.24	4.589	34.33	1472.89	1472.89	-.01
300.00	302.16	4.422	34.81	1472.89	1472.89	.00
304.88	307.08	4.374	35.04	1473.08	1473.07	-.01
309.76	311.99	4.354	34.89	1472.89	1472.90	.01
315.17	317.44	4.315	34.99	1472.93	1472.93	.00
320.04	322.34	4.383	34.66	1472.89	1472.89	.00
324.90	327.24	4.364	34.82	1473.08	1473.07	-.01
329.76	332.14	4.354	34.63	1472.89	1472.89	.00
335.16	337.57	4.413	34.37	1472.89	1472.89	.00
340.01	342.46	4.393	34.42	1472.93	1472.93	.00
344.85	347.34	4.452	34.18	1472.97	1472.97	.00
350.23	352.76	4.295	34.57	1472.89	1472.88	-.01
355.07	357.63	4.325	34.46	1472.97	1472.97	.00
359.91	362.50	4.276	34.51	1472.89	1472.88	-.01
364.73	367.36	4.315	34.31	1472.89	1472.90	.00
370.09	372.76	4.266	34.44	1472.93	1472.92	-.01
374.92	377.61	4.276	34.37	1472.97	1472.98	.01
380.27	383.00	4.217	34.53	1473.00	1473.00	-.01
385.08	387.85	4.227	34.40	1472.97	1472.98	.01
389.88	392.69	4.276	34.29	1473.12	1473.12	.00
395.22	398.07	4.266	34.20	1473.04	1473.05	.01
400.02	402.90	4.188	34.34	1472.97	1472.96	-.01
404.81	407.73	4.168	34.43	1473.08	1473.07	-.01
410.13	413.09	4.178	34.35	1473.12	1473.12	.01
414.92	417.91	4.129	34.46	1473.12	1473.11	-.00
420.23	423.26	4.149	34.37	1473.19	1473.19	.00
425.01	428.07	4.168	34.34	1473.30	1473.31	.01
429.78	432.87	4.090	34.51	1473.27	1473.26	-.01
435.08	438.21	4.090	34.46	1473.30	1473.31	.00
439.84	443.01	4.081	34.43	1473.30	1473.31	.00
445.13	448.33	4.071	34.44	1473.34	1473.34	.00
449.88	453.12	4.120	34.18	1473.30	1473.31	.01
455.16	458.44	4.061	34.34	1473.34	1473.33	-.01
459.90	463.22	4.071	34.30	1473.42	1473.43	.01
465.17	468.52	4.012	34.49	1473.49	1473.49	.00
469.91	473.29	4.022	34.36	1473.45	1473.47	.01
475.17	478.59	4.012	34.35	1473.49	1473.50	.01
479.89	483.35	3.973	34.54	1473.64	1473.63	-.01
485.14	488.63	4.022	34.28	1473.60	1473.61	.01
489.86	493.39	3.993	34.32	1473.60	1473.59	-.01
495.10	498.66	4.002	34.34	1473.75	1473.74	-.01
499.81	503.41	4.002	34.27	1473.75	1473.76	.00
505.04	508.67	3.983	34.28	1473.75	1473.75	.00
510.26	513.93	3.944	34.40	1473.83	1473.83	.00
514.96	518.66	3.983	34.26	1473.90	1473.91	.01
520.17	523.91	3.973	34.22	1473.90	1473.91	.00
524.86	528.63	3.963	34.23	1473.94	1473.93	-.01
530.06	533.88	3.856	34.57	1474.02	1474.00	-.01
535.26	539.11	3.915	34.31	1474.02	1474.03	.01
539.93	543.82	3.875	34.42	1474.05	1474.05	.00
545.12	549.04	3.924	34.21	1474.09	1474.10	.01
549.78	553.74	3.954	34.11	1474.17	1474.17	.01
554.96	558.96	3.866	34.25	1474.05	1474.04	-.01
560.13	564.17	3.866	34.36	1474.28	1474.27	-.01
564.79	568.85	3.915	34.43	1474.65	1474.64	-.01
569.95	574.05	3.954	34.35	1474.80	1474.81	.01
575.11	579.25	4.012	34.18	1474.92	1474.92	.01
579.74	583.92	4.032	34.06	1474.92	1474.93	.01
584.89	589.10	3.885	34.48	1474.92	1474.91	.00
590.04	594.28	3.827	34.66	1474.99	1474.98	-.01
595.17	599.46	3.895	34.39	1475.03	1475.03	.00
599.79	604.11	3.846	34.47	1474.99	1474.98	-.01
604.92	609.28	3.915	34.26	1475.10	1475.11	.01

610.04	614.44	3.817	34.58	1475.18	1475.17	-.01
615.16	619.59	3.905	34.19	1475.14	1475.15	.01
619.76	624.22	3.817	34.46	1475.18	1475.17	.00
624.87	629.37	3.758	34.56	1475.14	1475.14	.00
629.97	634.51	3.788	34.41	1475.18	1475.18	.00
635.07	639.64	3.797	34.38	1475.25	1475.26	.01
640.16	644.77	3.827	34.33	1475.40	1475.41	.01
645.25	649.89	3.856	34.14	1475.37	1475.37	.01
649.82	654.50	3.758	34.44	1475.40	1475.40	-.01
654.90	659.61	3.875	34.07	1475.52	1475.52	.00
659.97	664.72	3.680	34.65	1475.52	1475.51	-.01
665.03	669.82	5.976	*****	1475.48	1478.70	-.01
670.10	674.92	3.700	34.58	1475.67	1475.67	.00
675.15	680.01	3.817	34.15	1475.70	1475.71	.01
680.20	685.10	4.266	32.59	1475.67	1475.67	.00
685.25	690.18	3.758	34.22	1475.70	1475.70	-.01
689.79	694.75	3.856	33.89	1475.78	1475.78	.00
694.82	699.82	3.221	36.00	1475.89	1475.89	-.01
699.85	704.89	3.631	34.53	1475.82	1475.83	.01
704.88	709.95	3.651	34.43	1475.85	1475.87	.01
709.90	715.01	3.739	34.07	1475.85	1475.85	.00
714.91	720.06	3.563	34.71	1476.00	1476.00	-.01
719.92	725.11	3.631	34.44	1476.04	1476.04	.00
724.93	730.15	3.553	34.76	1476.19	1476.18	-.01
729.93	735.18	3.700	34.21	1476.19	1476.20	.01
734.92	740.21	3.631	34.38	1476.19	1476.19	-.01
739.91	745.24	2.811	37.15	1476.38	1476.38	.00
744.89	750.26	3.631	34.42	1476.42	1476.43	.01
749.87	755.27	3.602	34.43	1476.38	1476.38	.00
754.84	760.28	3.670	34.19	1476.46	1476.46	.01
759.81	765.28	3.612	34.41	1476.57	1476.56	-.01
764.78	770.28	3.592	34.42	1476.57	1476.57	.00
770.23	775.77	3.573	34.50	1476.68	1476.68	.00
775.18	780.76	3.573	34.45	1476.72	1476.72	.00
780.13	785.74	4.842	30.58	1477.13	1477.14	.01
785.07	790.72	3.524	34.55	1476.79	1476.78	-.01
790.01	795.69	3.495	34.70	1476.94	1476.94	-.01
794.94	800.66	3.231	35.62	1477.09	1477.09	-.01
799.86	805.62	3.465	34.66	1476.94	1476.95	.00
804.78	810.58	3.475	34.72	1477.13	1477.12	-.01
810.19	816.02	3.495	34.58	1477.13	1477.14	.01
815.10	820.97	3.485	34.59	1477.17	1477.17	-.01
820.00	825.90	14.444	*****	1477.17	1512.08	-.01
824.90	830.84	3.504	34.40	1477.17	1477.16	-.01
829.80	835.77	3.475	34.49	1477.25	1477.24	-.01
835.18	841.19	3.407	34.65	1477.25	1477.24	.00
840.06	846.11	3.172	35.44	1477.36	1477.35	-.01
844.93	851.02	3.368	*****	1485.69	1484.74	-.01
849.81	855.93	3.319	34.92	1477.47	1477.46	-.01
855.16	861.32	3.465	34.36	1477.47	1477.47	.00
860.03	866.22	3.319	34.82	1477.51	1477.50	-.01
864.88	871.11	3.319	34.63	1477.36	1477.36	.00
870.22	876.49	3.260	34.85	1477.47	1477.46	-.01

XSVT PROBE #000518

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.835	32.29	1503.06	1503.05	-.01
10.26	10.34	14.904	32.09	1503.13	1503.15	.01
14.82	14.92	14.894	32.19	1503.29	1503.28	-.01
19.94	20.08	14.825	32.41	1503.41	1503.40	.00
25.06	25.24	14.864	32.25	1503.45	1503.45	.00
30.17	30.39	14.835	32.34	1503.52	1503.52	.00
35.28	35.53	14.278	32.30	1501.77	1501.78	.01
39.81	40.10	11.748	32.53	1493.61	1493.61	.00
44.92	45.24	10.908	32.67	1490.92	1490.91	-.01
50.01	50.37	10.107	32.82	1488.32	1488.31	-.01
55.10	55.50	9.726	32.59	1486.75	1486.76	.00
60.19	60.62	8.945	32.93	1484.36	1484.35	.00
65.28	65.75	8.505	32.55	1482.34	1482.35	.00
69.79	70.29	8.349	32.67	1481.97	1481.96	-.01
74.87	75.41	8.173	32.49	1481.17	1481.17	.00
79.94	80.51	7.880	32.76	1480.45	1480.45	.00
85.01	85.62	7.636	32.77	1479.62	1479.61	-.01
90.07	90.72	7.343	32.75	1478.56	1478.56	.00
95.13	95.81	7.304	32.54	1478.22	1478.23	.01
100.18	100.90	7.011	33.03	1477.77	1477.76	-.01
105.23	105.99	6.747	33.16	1476.98	1476.98	.00
110.28	111.07	6.786	32.96	1476.98	1476.99	.01
114.76	115.59	6.728	32.84	1476.68	1476.68	.00
119.80	120.66	6.620	33.04	1476.57	1476.57	.00
124.83	125.73	6.562	33.06	1476.46	1476.45	-.01
129.86	130.80	6.503	33.21	1476.49	1476.48	-.01
134.89	135.86	6.493	33.14	1476.46	1476.46	.01
139.91	140.92	6.523	33.04	1476.53	1476.54	.01
144.93	145.97	6.415	33.38	1476.61	1476.60	-.01
149.94	151.02	6.425	33.25	1476.57	1476.58	.01
154.95	156.06	6.366	33.44	1476.64	1476.64	.00
159.95	161.11	6.288	33.65	1476.68	1476.68	.00
164.95	166.14	6.435	33.11	1476.68	1476.69	.01
169.95	171.17	6.308	33.54	1476.79	1476.78	-.01
174.94	176.20	6.259	33.53	1476.68	1476.68	.00
179.93	181.23	6.249	33.44	1476.61	1476.61	.01
184.91	186.24	6.122	33.70	1476.49	1476.49	.00
189.89	191.26	6.015	33.85	1476.34	1476.34	-.01
194.87	196.27	5.995	34.56	1477.25	1477.23	-.01
199.84	201.28	5.976	33.66	1476.12	1476.13	.01
204.81	206.28	5.849	33.77	1475.82	1475.82	.00
209.77	211.28	5.819	33.67	1475.67	1475.68	.01
214.73	216.27	5.780	33.68	1475.59	1475.59	.00
220.23	221.82	5.819	33.41	1475.52	1475.52	.00
225.18	226.80	5.614	33.63	1475.03	1475.03	.00
230.12	231.78	5.526	33.72	1474.88	1474.87	-.01
235.07	236.76	5.536	33.47	1474.69	1474.70	.01
240.00	241.73	5.614	33.01	1474.50	1474.51	.01
244.93	246.70	5.585	32.95	1474.39	1474.40	.01
249.86	251.66	5.487	33.41	1474.65	1474.64	-.01
254.79	256.62	5.331	33.31	1473.98	1473.99	.01
260.25	262.13	5.184	33.51	1473.72	1473.71	-.01
265.17	267.08	5.116	33.45	1473.45	1473.46	.01
270.08	272.02	5.116	33.46	1473.53	1473.53	.00
274.99	276.97	5.126	33.29	1473.45	1473.46	.01

279.89	281.90	5.038	33.46	1473.38	1473.37	-.01
284.79	286.84	5.028	33.24	1473.15	1473.16	.00
290.23	292.31	4.852	33.60	1472.97	1472.96	-.01
295.11	297.24	4.803	33.61	1472.85	1472.85	-.01
300.00	302.16	4.813	33.48	1472.82	1472.83	.01
304.88	307.08	4.803	33.45	1472.82	1472.83	.01
309.76	311.99	4.735	33.67	1472.89	1472.88	-.01
315.17	317.44	4.774	33.49	1472.93	1472.93	.00
320.04	322.34	4.784	33.46	1473.00	1473.01	.01
324.90	327.24	4.833	33.24	1473.00	1473.01	.01
329.76	332.14	4.842	33.06	1472.89	1472.90	.01
335.16	337.57	4.901	32.83	1472.93	1472.94	.01
340.01	342.46	5.145	32.07	1473.04	1473.05	.01
344.85	347.34	4.969	32.58	1473.04	1473.03	-.01
350.23	352.76	4.921	32.61	1472.97	1472.96	-.01
355.07	357.63	4.774	33.02	1472.97	1472.96	-.01
359.91	362.50	4.725	33.09	1472.93	1472.92	.00
364.73	367.36	4.745	32.92	1472.89	1472.89	.00
370.09	372.76	4.696	33.08	1472.97	1472.96	-.01
374.92	377.61	4.647	33.12	1472.89	1472.89	-.01
380.27	383.00	4.579	33.36	1473.00	1473.00	.00
385.08	387.85	4.589	33.22	1472.97	1472.97	.00
389.88	392.69	4.608	33.04	1472.89	1472.89	.00
395.22	398.07	4.530	33.38	1473.08	1473.07	-.01
400.02	402.90	4.549	33.19	1473.00	1473.01	.00
404.81	407.73	4.520	33.32	1473.12	1473.11	-.01
410.13	413.09	4.755	32.48	1473.12	1473.12	.00
414.92	417.91	5.048	31.51	1473.15	1473.17	.01
420.23	423.26	4.764	32.36	1473.15	1473.14	-.01
425.01	428.07	4.618	32.78	1473.15	1473.15	.00
429.78	432.87	4.549	33.00	1473.23	1473.23	.00
435.08	438.21	4.589	32.85	1473.30	1473.31	.01
439.84	443.01	5.985	28.23	1473.23	1473.24	.01
445.13	448.33	5.067	31.18	1473.30	1473.29	-.01
449.88	453.12	4.852	31.85	1473.34	1473.34	.00
455.16	458.44	4.784	32.03	1473.38	1473.38	.00
459.90	463.22	4.696	32.28	1473.42	1473.41	-.01
465.17	468.52	4.598	32.59	1473.49	1473.49	.00
469.91	473.29	4.540	32.69	1473.45	1473.45	.00
475.17	478.59	4.481	32.90	1473.57	1473.56	-.00
479.89	483.35	4.432	32.91	1473.45	1473.45	.00
485.14	488.63	4.422	32.99	1473.60	1473.60	-.01
489.86	493.39	4.393	33.02	1473.60	1473.59	-.01
495.10	498.66	4.374	33.05	1473.64	1473.64	.00
499.81	503.41	4.383	33.04	1473.75	1473.77	.01
505.04	508.67	4.432	32.87	1473.83	1473.84	.01
510.26	513.93	4.364	33.06	1473.87	1473.86	-.01
514.96	518.66	4.354	33.02	1473.87	1473.87	.00
520.17	523.91	4.403	32.83	1473.90	1473.91	.01
524.86	528.63	4.276	33.28	1474.02	1474.01	.00
530.06	533.88	4.393	32.99	1474.24	1474.24	.00
535.26	539.11	4.198	34.30	1475.18	1475.17	-.01
539.93	543.82	4.159	33.57	1474.17	1474.17	.01
545.12	549.04	4.129	33.79	1474.39	1474.39	.00
549.78	553.74	4.208	33.25	1474.13	1474.13	.00
554.96	558.96	4.208	33.49	1474.50	1474.50	-.01
560.13	564.17	4.159	33.50	1474.39	1474.39	.00
564.79	568.85	4.168	33.52	1474.54	1474.53	-.01
569.95	574.05	4.237	33.22	1474.54	1474.54	.00
575.11	579.25	4.276	33.27	1474.84	1474.83	-.01
579.74	583.92	4.237	33.46	1474.99	1474.99	.00
584.89	589.10	4.178	33.61	1475.03	1475.02	-.01
590.04	594.28	4.208	33.41	1474.99	1475.00	.01
595.17	599.46	4.168	33.54	1475.07	1475.05	-.01
599.79	604.11	4.159	33.50	1475.07	1475.07	.00
604.92	609.28	4.178	33.46	1475.18	1475.18	.00

610.04	614.44	4.217	33.27	1475.18	1475.18	.00
615.16	619.59	4.315	32.83	1475.10	1475.11	.01
619.76	624.22	4.149	33.35	1475.14	1475.14	.00
624.87	629.37	4.061	33.66	1475.25	1475.25	.00
629.97	634.51	4.002	33.73	1475.18	1475.18	.00
635.07	639.64	4.042	33.64	1475.33	1475.34	.01
640.16	644.77	3.983	33.77	1475.33	1475.32	-.01
645.25	649.89	4.012	33.66	1475.40	1475.41	.00
649.82	654.50	4.120	33.25	1475.40	1475.41	.00
654.90	659.61	3.944	33.83	1475.48	1475.47	.00
659.97	664.72	3.983	33.71	1475.59	1475.59	.00
665.04	669.82	3.963	33.72	1475.59	1475.58	-.01
670.10	674.92	4.002	33.55	1475.63	1475.63	.00
675.15	680.01	3.973	33.71	1475.78	1475.78	.00
680.20	685.10	3.983	33.69	1475.89	1475.90	.01
685.25	690.18	3.915	33.77	1475.78	1475.78	.00
689.79	694.75	3.944	33.52	1475.67	1475.68	.01
694.82	699.82	3.846	33.96	1475.89	1475.89	.00
699.85	704.89	3.934	33.51	1475.78	1475.79	.01
704.88	709.95	3.846	33.80	1475.85	1475.85	-.01
709.90	715.01	3.856	33.75	1475.93	1475.93	.00
714.91	720.06	3.827	33.76	1475.89	1475.88	-.01
719.92	725.11	3.807	33.88	1476.04	1476.04	-.01
724.93	730.15	3.807	33.86	1476.12	1476.12	.00
729.93	735.18	3.836	33.76	1476.19	1476.19	.00
734.92	740.21	3.856	33.66	1476.23	1476.23	.00
739.91	745.24	3.817	33.71	1476.19	1476.19	.00
744.89	750.26	3.797	33.88	1476.42	1476.41	-.01
749.87	755.27	3.866	33.61	1476.46	1476.46	.00
754.84	760.28	3.807	33.72	1476.42	1476.41	-.01
759.81	765.28	3.885	33.63	1476.72	1476.73	.01
764.78	770.28	3.885	33.48	1476.61	1476.61	.01
770.23	775.77	3.817	33.70	1476.68	1476.68	-.01
775.18	780.76	3.719	33.93	1476.64	1476.64	.00
780.13	785.74	3.797	33.63	1476.68	1476.69	.01
785.07	790.72	3.768	33.84	1476.91	1476.90	-.01
790.01	795.69	3.709	33.89	1476.79	1476.79	.00
794.94	800.66	3.758	33.80	1476.98	1476.99	.01
799.86	805.62	3.758	33.89	1477.17	1477.16	-.01
804.78	810.58	3.739	33.82	1477.09	1477.10	.00
810.19	816.02	3.778	33.63	1477.09	1477.11	.01
815.10	820.97	3.631	34.05	1477.09	1477.08	-.01
820.00	825.91	3.661	33.94	1477.17	1477.18	.01
824.90	830.84	3.651	33.95	1477.21	1477.20	-.01
829.80	835.77	3.661	33.84	1477.21	1477.21	.00
835.18	841.19	3.641	33.91	1477.28	1477.28	.00
840.06	846.11	3.631	33.84	1477.25	1477.25	.01
844.94	851.02	3.602	33.91	1477.28	1477.27	-.01
849.81	855.93	3.524	34.19	1477.40	1477.39	-.01
855.16	861.32	3.582	33.98	1477.47	1477.48	.00
860.03	866.22	3.553	34.00	1477.43	1477.43	.00
864.88	871.11	3.553	33.81	1477.28	1477.29	.01
870.22	876.49	3.524	33.84	1477.28	1477.27	-.01

XSVT PROBE #000519

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.796	32.30	1502.94	1502.94	.00
10.26	10.34	14.884	32.14	1503.13	1503.14	.01
14.82	14.92	14.913	32.10	1503.25	1503.26	.01
19.94	20.08	14.747	32.49	1503.25	1503.25	-.01
25.06	25.24	14.796	32.37	1503.37	1503.37	.00
30.17	30.39	14.737	32.51	1503.41	1503.41	.00
35.28	35.53	13.907	32.33	1500.61	1500.61	.00
39.81	40.10	11.426	32.76	1492.76	1492.76	.00
44.92	45.24	10.664	32.59	1489.96	1489.97	.01
50.01	50.37	9.961	32.85	1487.82	1487.82	.00
55.10	55.50	9.619	32.63	1486.41	1486.41	.00
60.19	60.62	8.906	32.77	1484.01	1484.01	.00
65.28	65.75	8.388	32.83	1482.23	1482.23	.00
69.79	70.29	8.173	32.87	1481.55	1481.54	-.01
74.87	75.41	7.958	32.82	1480.75	1480.77	.01
79.94	80.51	7.656	33.08	1480.00	1479.99	-.01
85.01	85.62	7.548	32.73	1479.24	1479.25	.01
90.07	90.72	7.226	32.95	1478.34	1478.34	.00
95.13	95.81	7.177	32.87	1478.15	1478.15	.00
100.18	100.90	6.972	32.72	1477.25	1477.25	.00
105.23	105.99	6.806	32.85	1476.83	1476.82	-.01
110.28	111.07	6.679	33.13	1476.76	1476.76	.00
114.76	115.59	6.650	33.09	1476.68	1476.69	.01
119.80	120.66	6.542	33.25	1476.53	1476.52	-.01
124.83	125.73	6.513	33.18	1476.42	1476.43	.01
129.86	130.80	6.435	33.37	1476.42	1476.42	.00
134.89	135.86	6.464	33.20	1476.42	1476.42	.01
139.91	140.92	6.376	33.42	1476.42	1476.41	-.01
144.93	145.97	6.308	33.66	1476.53	1476.52	-.01
149.94	151.02	6.190	33.97	1476.53	1476.53	.00
154.95	156.06	6.327	33.49	1476.57	1476.57	.01
159.95	161.11	6.259	33.71	1476.64	1476.64	.00
164.95	166.14	6.200	33.86	1476.68	1476.68	-.01
169.95	171.17	6.190	33.82	1476.68	1476.69	.01
174.94	176.20	6.190	33.63	1476.53	1476.53	.00
179.93	181.23	6.103	33.85	1476.53	1476.52	-.01
184.91	186.24	6.054	33.78	1476.34	1476.35	.00
189.89	191.26	5.948	33.86	1476.08	1476.07	-.01
194.87	196.27	5.897	33.98	1476.12	1476.11	-.01
199.84	201.28	5.770	33.99	1475.70	1475.70	-.01
204.81	206.28	5.858	33.55	1475.59	1475.60	.01
209.77	211.28	5.702	33.93	1475.52	1475.51	-.01
214.73	216.27	5.595	34.12	1475.40	1475.40	.00
220.23	221.82	5.556	33.86	1475.03	1475.03	.00
225.18	226.80	5.419	34.36	1475.18	1475.17	-.01
230.12	231.78	5.477	33.78	1474.77	1474.77	.01
235.07	236.76	5.321	34.02	1474.50	1474.50	.00
240.00	241.73	5.253	34.05	1474.35	1474.34	-.01
244.93	246.70	5.263	33.98	1474.39	1474.40	.01
249.86	251.66	5.175	34.09	1474.24	1474.24	.00
254.79	256.62	5.136	33.96	1474.02	1474.02	.01
260.25	262.13	4.979	34.17	1473.72	1473.71	.00
265.17	267.08	4.989	33.83	1473.42	1473.43	.01
270.08	272.02	5.018	33.76	1473.53	1473.54	.01
274.99	276.97	4.940	33.84	1473.38	1473.37	.00

279.89	281.90	4.842	33.89	1473.12	1473.12	.00
284.79	286.84	4.764	33.96	1472.97	1472.97	.00
290.23	292.31	4.725	33.94	1472.89	1472.89	.00
295.11	297.24	4.686	33.92	1472.78	1472.79	.01
300.00	302.16	4.706	33.82	1472.82	1472.82	.01
304.88	307.08	4.716	33.81	1472.93	1472.93	.00
309.76	311.99	4.637	33.99	1472.89	1472.89	.00
315.17	317.44	4.686	33.78	1472.93	1472.94	.01
320.04	322.34	4.667	33.82	1472.97	1472.97	.00
324.90	327.24	4.618	33.79	1472.82	1472.83	.01
329.76	332.14	4.589	33.89	1472.89	1472.89	.00
335.16	337.57	4.589	33.84	1472.93	1472.94	.01
340.01	342.46	4.608	33.68	1472.89	1472.90	.00
344.85	347.34	4.589	33.69	1472.89	1472.88	-.01
350.23	352.76	4.501	33.91	1472.89	1472.89	.00
355.07	357.63	4.501	33.84	1472.89	1472.91	.01
359.91	362.50	4.452	33.94	1472.89	1472.88	-.01
364.73	367.36	4.530	33.62	1472.89	1472.90	.01
370.09	372.76	4.422	33.91	1472.89	1472.89	.00
374.92	377.61	4.325	34.16	1472.89	1472.89	-.01
380.27	383.00	4.354	34.02	1472.93	1472.94	.01
385.08	387.85	4.383	33.83	1472.89	1472.90	.00
389.88	392.69	4.364	33.87	1472.93	1472.92	-.01
395.22	398.07	4.481	33.47	1473.00	1473.01	.00
400.02	402.90	4.403	33.73	1473.08	1473.07	-.01
404.81	407.73	4.559	33.16	1473.08	1473.09	.01
410.13	413.09	4.510	33.32	1473.15	1473.15	.00
414.92	417.91	4.452	33.41	1473.12	1473.11	-.01
420.23	423.26	4.315	33.82	1473.15	1473.15	.00
425.01	428.07	4.344	33.68	1473.19	1473.20	.00
429.78	432.87	4.364	33.58	1473.23	1473.23	.00
435.08	438.21	4.247	33.91	1473.23	1473.23	.00
439.84	443.01	4.393	33.36	1473.23	1473.23	.00
445.13	448.33	4.452	33.41	1473.60	1473.60	.00
449.88	453.12	4.481	33.04	1473.34	1473.35	.01
455.16	458.44	4.393	33.29	1473.38	1473.37	-.01
459.90	463.22	4.383	33.25	1473.38	1473.38	.00
465.17	468.52	4.413	33.12	1473.42	1473.42	.01
469.91	473.29	4.403	33.13	1473.45	1473.45	-.01
475.17	478.59	4.247	33.54	1473.42	1473.41	-.01
479.89	483.35	4.813	31.69	1473.49	1473.49	.00
485.14	488.63	5.624	29.10	1473.60	1473.61	.01
489.86	493.38	7.206	*****	1473.60	1473.77	.01
495.09	498.66	7.880	*****	1473.64	1480.13	.01
499.80	503.40	8.017	*****	1473.64	1480.74	.01
505.03	508.67	6.923	*****	1473.90	1476.53	.01
510.25	513.93	6.513	*****	1473.90	1474.97	.01
514.96	518.66	6.112	27.50	1474.05	1474.06	.01
520.17	523.91	5.888	28.31	1474.24	1474.24	.00
524.86	528.63	5.722	28.72	1474.17	1474.16	-.01
530.06	533.88	5.780	28.63	1474.39	1474.39	.00
535.26	539.11	5.849	28.34	1474.39	1474.39	.00
539.93	543.81	36.667	*****	1474.50	1555.15	.00
545.11	549.04	33.365	*****	1474.62	1552.98	.00
549.78	553.74	30.552	*****	1474.65	1547.44	.00
554.96	558.95	25.433	*****	1474.65	1535.98	.00
560.13	564.16	21.223	*****	1474.65	1525.17	.00
564.78	568.85	28.168	*****	1474.62	1542.53	.00
569.94	574.05	23.988	*****	1474.73	1532.63	.00
575.10	579.24	22.796	*****	1474.84	1529.64	.00
579.74	583.91	21.048	*****	1474.92	1525.02	.00
584.89	589.10	22.650	*****	1474.92	1529.42	.00
590.03	594.28	21.692	*****	1474.92	1526.94	.00
595.17	599.45	26.547	*****	1475.18	1539.30	.00
599.79	604.11	20.579	*****	1475.14	1524.04	.00

XSVT PROBE #000520

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.904	31.99	1502.94	1502.95	.01
10.26	10.34	14.825	32.25	1503.06	1503.06	.00
14.82	14.92	14.874	32.14	1503.17	1503.18	.01
19.94	20.08	14.806	32.39	1503.33	1503.32	-.01
25.06	25.24	14.816	32.32	1503.37	1503.38	.01
30.17	30.39	14.767	32.31	1503.29	1503.29	.00
35.28	35.53	14.161	32.43	1501.54	1501.53	-.01
39.81	40.10	11.641	32.45	1493.15	1493.14	-.01
44.92	45.24	10.811	32.48	1490.35	1490.34	-.01
50.01	50.37	10.127	32.67	1488.20	1488.20	.00
55.10	55.50	9.687	32.81	1486.87	1486.86	-.01
60.19	60.62	9.062	32.72	1484.55	1484.55	.01
65.28	65.75	8.437	32.64	1482.19	1482.20	.01
69.79	70.29	8.261	32.70	1481.66	1481.66	.00
74.87	75.41	8.066	32.67	1480.98	1480.99	.01
79.94	80.51	7.724	32.81	1479.92	1479.92	-.01
85.01	85.62	7.538	32.79	1479.28	1479.28	.00
90.07	90.72	7.236	32.86	1478.26	1478.26	.00
95.13	95.81	7.236	32.69	1478.15	1478.16	.01
100.18	100.90	6.943	32.79	1477.21	1477.20	-.01
105.23	105.99	6.737	33.07	1476.83	1476.83	-.01
110.28	111.07	6.689	33.09	1476.76	1476.74	-.01
114.76	115.59	6.611	33.22	1476.68	1476.67	-.01
119.80	120.66	6.591	33.06	1476.49	1476.50	.01
124.83	125.73	6.493	33.25	1476.42	1476.41	-.01
129.86	130.80	6.484	33.20	1476.42	1476.42	.00
134.89	135.86	6.405	33.40	1476.42	1476.42	.00
139.91	140.92	6.317	33.58	1476.38	1476.38	.00
144.93	145.97	6.337	33.47	1476.42	1476.43	.01
149.94	151.02	6.308	33.50	1476.42	1476.40	-.01
154.95	156.06	6.249	33.72	1476.53	1476.53	.00
159.95	161.11	6.288	33.58	1476.61	1476.62	.01
164.95	166.14	6.190	33.86	1476.64	1476.64	-.01
169.95	171.17	6.181	33.78	1476.61	1476.61	.00
174.94	176.20	6.210	33.51	1476.46	1476.46	.01
179.93	181.23	6.073	33.92	1476.49	1476.49	.00
184.91	186.24	6.034	33.79	1476.27	1476.28	.01
189.89	191.26	5.907	33.87	1475.93	1475.93	.00
194.87	196.27	5.937	33.70	1475.93	1475.94	.01
199.84	201.28	5.761	33.99	1475.67	1475.66	-.01
204.81	206.28	5.722	33.86	1475.44	1475.45	.00
209.77	211.28	5.780	33.52	1475.33	1475.33	.00
214.73	216.27	5.595	33.94	1475.18	1475.17	-.01
220.23	221.82	5.497	33.93	1474.88	1474.88	.00
225.18	226.80	5.448	34.01	1474.84	1474.84	.00
230.12	231.78	5.389	34.00	1474.69	1474.69	.00
235.07	236.76	5.331	33.89	1474.39	1474.40	.01
240.00	241.73	5.243	34.00	1474.24	1474.24	.00
244.93	246.70	5.223	34.03	1474.28	1474.28	.00
249.86	251.66	5.194	33.75	1473.90	1473.91	.01
254.79	256.62	5.116	33.98	1473.94	1473.94	.00
260.25	262.13	5.057	33.88	1473.68	1473.69	.01
265.17	267.08	4.901	34.12	1473.42	1473.41	-.01
270.08	272.02	4.940	33.86	1473.34	1473.34	.00
274.99	276.97	4.891	33.91	1473.27	1473.26	.00

279.89	281.90	4.842	33.76	1472.97	1472.98	.01
284.79	286.84	4.725	34.05	1472.93	1472.92	-.01
290.23	292.31	4.735	33.88	1472.85	1472.86	.00
295.11	297.24	4.667	34.02	1472.82	1472.81	-.01
300.00	302.16	4.686	33.89	1472.82	1472.83	.01
304.88	307.08	4.647	33.99	1472.85	1472.85	.00
309.76	311.99	4.628	33.95	1472.82	1472.83	.01
315.17	317.44	4.598	33.98	1472.82	1472.81	-.01
320.04	322.34	4.698	33.97	1472.89	1472.90	.01
324.90	327.24	4.618	33.79	1472.82	1472.83	.01
329.76	332.14	4.569	33.92	1472.85	1472.85	-.01
335.16	337.57	4.530	33.95	1472.82	1472.81	.00
340.01	342.46	4.530	33.90	1472.85	1472.85	.00
344.85	347.34	4.491	33.98	1472.85	1472.85	.00
350.23	352.76	4.422	34.10	1472.82	1472.81	-.01
355.07	357.63	4.403	34.13	1472.85	1472.85	-.01
359.91	362.50	4.432	33.88	1472.74	1472.75	.01
364.73	367.36	4.403	34.01	1472.85	1472.85	.00
370.09	372.76	4.325	34.13	1472.78	1472.77	-.01
374.92	377.61	4.325	34.06	1472.78	1472.78	.00
380.27	383.00	4.325	34.02	1472.82	1472.82	.00
385.08	387.85	4.335	33.96	1472.85	1472.86	.01
389.88	392.69	4.315	34.00	1472.89	1472.88	-.01
395.22	398.07	4.383	33.73	1472.93	1472.93	.00
400.02	402.90	4.256	34.09	1472.93	1472.92	-.01
404.81	407.73	4.295	33.95	1473.00	1473.01	.00
410.13	413.09	4.276	33.98	1473.04	1473.03	-.01
414.92	417.91	4.247	34.02	1473.04	1473.04	.00
420.23	423.26	4.178	34.17	1473.04	1473.03	-.01
425.01	428.07	4.178	34.20	1473.15	1473.15	-.01
429.78	432.87	4.237	33.97	1473.19	1473.20	.01
435.08	438.21	4.188	33.98	1473.08	1473.07	-.01
439.84	443.01	4.168	34.04	1473.15	1473.14	-.01
445.13	448.33	4.139	34.13	1473.23	1473.23	.00
449.88	453.12	4.237	33.83	1473.34	1473.35	.01
455.16	458.44	4.149	34.05	1473.34	1473.33	-.01
459.90	463.22	4.120	34.06	1473.30	1473.30	.00
465.17	468.52	4.081	34.09	1473.27	1473.26	-.01
469.91	473.29	4.081	34.29	1473.60	1473.60	-.01
475.17	478.59	4.071	34.25	1473.60	1473.61	.01
479.89	483.35	3.983	34.34	1473.42	1473.41	.00
485.14	488.63	4.032	34.13	1473.45	1473.46	.01
489.86	493.39	4.051	34.16	1473.64	1473.63	-.01
495.10	498.66	4.090	33.90	1473.57	1473.57	.01
499.81	503.41	4.051	34.01	1473.60	1473.60	.00
505.04	508.67	4.012	34.30	1473.90	1473.90	-.01
510.26	513.93	4.071	34.03	1473.90	1473.91	.01
514.96	518.66	4.061	34.10	1474.02	1474.01	-.01
520.17	523.91	4.051	34.18	1474.17	1474.16	-.01
524.86	528.63	4.032	34.17	1474.17	1474.17	.00
530.06	533.88	4.042	34.16	1474.28	1474.28	.00
[illegible]	539.11	4.061	34.12	1474.39	1474.39	.00
535.26	543.82	4.061	34.06	1474.39	1474.39	.00
539.93	549.04	4.041	34.18	1474.62	1474.61	-.01
545.12	553.74	4.032	34.22	1474.62	1474.61	.00
549.78	558.96	4.022	34.20	1474.65	1474.66	.01
554.96	564.17	3.983	34.27	1474.65	1474.64	-.01
560.13	568.85	3.993	34.20	1474.69	1474.70	.01
564.79	574.05	3.963	34.21	1474.65	1474.64	-.01
569.95	579.25	3.983	34.23	1474.84	1474.84	.00
575.11	583.92	3.973	34.19	1474.84	1474.85	.01
579.74	589.10	3.973	34.18	1474.92	1474.92	.00
584.89	594.28	3.963	34.15	1474.92	1474.92	.01
590.04	599.46	3.944	34.21	1474.99	1474.98	-.01
595.17	604.11	3.797	34.63	1474.99	1474.98	-.01
599.79	609.28	3.915	34.11	1474.92	1474.92	.00
604.82						

MADE IN U.S.A.

610.04	614.44	3.856	34.22	1474.88	1474.87	-.01
615.16	619.59	3.807	34.40	1474.99	1474.98	-.01
619.76	624.22	3.856	34.23	1475.07	1475.07	.00
624.87	629.37	3.875	34.14	1475.10	1475.12	.01
629.97	634.51	3.866	34.10	1475.10	1475.11	.01
635.07	639.64	3.885	34.13	1475.29	1475.29	.00
640.16	644.77	3.856	34.09	1475.22	1475.22	.01
645.25	649.89	3.709	34.63	1475.37	1475.36	-.01
649.82	654.60	3.758	34.43	1475.40	1475.41	.01
654.90	659.61	3.788	34.27	1475.40	1475.41	.01
659.97	664.72	3.797	34.26	1475.52	1475.52	.00
665.04	669.82	3.748	34.40	1475.55	1475.55	.00
670.10	674.92	3.788	34.28	1475.67	1475.68	.01
675.15	680.01	3.719	34.48	1475.70	1475.70	.00
680.20	685.10	3.788	34.21	1475.74	1475.75	.01
685.25	690.18	3.788	34.14	1475.74	1475.74	.00
689.79	694.75	3.768	34.12	1475.70	1475.71	.01
694.82	699.82	3.680	34.35	1475.70	1475.69	-.01
699.85	704.89	3.670	34.41	1475.82	1475.81	-.01
704.88	709.95	3.680	34.33	1475.85	1475.86	.00
709.90	715.01	3.670	34.34	1475.89	1475.89	.00
714.91	720.06	3.670	34.29	1475.93	1475.93	.00
719.92	725.11	3.680	34.26	1476.00	1476.02	.01
724.93	730.15	3.651	34.33	1476.04	1476.04	.00
729.93	735.18	3.661	34.28	1476.12	1476.13	.01
734.92	740.21	3.602	34.47	1476.19	1476.18	-.01
739.91	745.24	3.700	34.08	1476.19	1476.20	.01
744.89	750.26	3.621	34.40	1476.34	1476.33	-.01
749.87	755.27	3.661	34.23	1476.38	1476.39	.01
754.84	760.28	3.621	34.36	1476.46	1476.45	-.01
759.81	765.28	3.680	34.15	1476.53	1476.53	.00
764.78	770.28	3.680	34.12	1476.57	1476.58	.01
770.23	775.77	3.621	34.22	1476.53	1476.52	-.01
775.18	780.76	3.573	34.40	1476.64	1476.63	-.01
780.13	785.74	3.573	34.30	1476.61	1476.61	.01
785.07	790.72	3.543	34.49	1476.79	1476.79	-.01
790.01	795.69	3.592	34.35	1476.91	1476.92	.01
794.94	800.66	3.631	34.18	1476.94	1476.95	.00
799.86	805.62	3.553	34.39	1476.94	1476.94	.00
804.78	810.58	4.129	32.46	1476.98	1476.99	.00
810.19	816.02	3.074	35.85	1476.98	1476.97	-.01
815.10	820.97	3.915	33.17	1477.17	1477.17	.00
820.00	825.91	3.797	33.39	1477.02	1477.01	-.01
824.90	830.84	3.748	33.57	1477.13	1477.12	-.01
829.80	835.77	3.836	33.13	1477.02	1477.03	.01
835.18	841.19	3.680	33.72	1477.21	1477.20	-.01
840.06	846.11	3.621	34.00	1477.40	1477.39	-.01
844.94	851.02	3.797	33.38	1477.43	1477.44	.01
849.81	855.93	3.856	33.10	1477.40	1477.41	.01
855.16	861.32	3.807	33.20	1477.40	1477.39	.00
860.03	866.22	3.709	33.40	1477.32	1477.32	.00
864.88	871.11	3.680	33.46	1477.36	1477.35	-.01
870.22	876.49	3.573	33.83	1477.47	1477.47	.00

XSVT PROBE #000521

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.845	32.23	1503.02	1503.01	-.01
10.26	10.34	14.777	32.48	1503.17	1503.17	.00
14.82	14.92	14.835	32.38	1503.33	1503.34	.01
19.94	20.08	14.816	32.43	1503.41	1503.40	-.01
25.06	25.24	14.806	32.49	1503.52	1503.52	-.01
30.17	30.39	14.825	32.42	1503.60	1503.61	.00
35.28	35.53	14.249	32.14	1501.50	1501.50	.00
39.81	40.10	11.397	32.49	1492.34	1492.33	-.01
44.92	45.24	10.547	32.75	1489.73	1489.72	-.01
50.01	50.37	10.010	32.76	1487.90	1487.89	-.01
55.10	55.50	9.590	32.66	1486.33	1486.34	.01
60.19	60.62	8.808	32.41	1483.22	1483.23	.01
65.28	65.75	8.300	32.91	1482.00	1481.99	-.01
69.79	70.29	8.173	32.80	1481.47	1481.47	.00
74.87	75.41	7.998	32.75	1480.83	1480.83	.00
79.94	80.51	7.675	32.87	1479.81	1479.80	-.01
85.01	85.62	7.558	32.82	1479.39	1479.40	.01
90.07	90.72	7.304	32.89	1478.56	1478.56	.00
95.13	95.81	7.177	32.97	1478.26	1478.25	-.01
100.18	100.90	6.982	33.03	1477.66	1477.65	-.01
105.23	105.99	6.786	33.04	1476.98	1476.98	.00
110.28	111.07	6.698	33.10	1476.79	1476.79	.00
114.76	115.59	6.659	33.16	1476.79	1476.79	-.01
119.80	120.66	6.601	33.09	1476.57	1476.58	.01
124.83	125.73	6.542	33.13	1476.46	1476.45	.00
129.86	130.80	6.444	33.43	1476.53	1476.53	.00
134.89	135.86	6.444	33.26	1476.42	1476.42	.00
139.91	140.92	6.396	33.42	1476.49	1476.49	.00
144.93	145.97	6.347	33.60	1476.61	1476.60	.00
149.94	151.02	6.298	33.72	1476.64	1476.64	.00
154.95	156.06	6.269	33.67	1476.57	1476.57	.00
159.95	161.11	6.200	33.95	1476.72	1476.71	-.01
164.95	166.14	6.239	33.76	1476.72	1476.73	.01
169.95	171.17	6.171	33.92	1476.72	1476.72	.00
174.94	176.20	6.142	33.81	1476.57	1476.57	.00
179.93	181.23	6.024	34.01	1476.42	1476.41	-.01
184.91	186.24	5.946	34.00	1476.19	1476.19	.00
189.89	191.26	5.937	33.91	1476.12	1476.13	.01
194.87	196.27	5.888	33.95	1476.04	1476.04	-.01
199.84	201.28	5.839	33.79	1475.74	1475.74	.00
204.81	206.28	5.673	34.06	1475.48	1475.48	.00
209.77	211.28	5.653	34.02	1475.44	1475.45	.01
214.73	216.27	5.507	34.28	1475.25	1475.25	.00
220.23	221.82	5.526	33.93	1474.99	1475.00	.01
225.18	226.80	5.468	33.90	1474.80	1474.81	.00
230.12	231.78	5.370	34.04	1474.65	1474.64	-.01
235.07	236.76	5.311	33.95	1474.39	1474.40	.01
240.00	241.73	5.292	33.96	1474.39	1474.39	.00
244.93	246.70	5.233	34.08	1474.39	1474.38	-.01
249.86	251.66	5.282	33.65	1474.13	1474.14	.01
254.79	256.62	5.233	33.66	1474.02	1474.01	-.01
260.25	262.13	5.096	33.79	1473.72	1473.71	-.01
265.17	267.08	5.018	33.76	1473.45	1473.46	.00
270.08	272.02	4.969	33.84	1473.42	1473.41	.00
274.99	276.97	4.979	33.59	1473.23	1473.24	.01

279.89	281.90	4.842	33.86	1473.08	1473.08	.00
284.79	286.84	4.823	33.76	1472.97	1472.98	.01
290.23	292.31	4.784	33.82	1472.97	1472.96	-.01
295.11	297.24	4.667	34.08	1472.89	1472.89	.00
300.00	302.16	4.706	33.91	1472.93	1472.94	.01
304.88	307.08	4.637	34.05	1472.89	1472.89	-.01
309.76	311.99	4.686	33.82	1472.89	1472.90	.01
315.17	317.44	4.784	33.55	1473.04	1473.05	.01
320.04	322.34	4.706	33.69	1472.97	1472.96	-.01
324.90	327.24	4.667	33.70	1472.89	1472.89	.00
329.76	332.14	4.755	33.34	1472.89	1472.90	.01
335.16	337.57	4.608	33.75	1472.89	1472.88	-.01
340.01	342.48	4.559	33.85	1472.89	1472.89	-.01
344.85	347.34	4.559	33.84	1472.97	1472.98	.01
350.23	352.76	4.501	33.94	1472.93	1472.93	.00
355.07	357.63	4.442	34.04	1472.89	1472.89	.00
359.91	362.50	4.442	33.96	1472.89	1472.89	.00
364.73	367.36	4.520	33.71	1472.97	1472.98	.01
370.09	372.76	4.979	32.13	1472.93	1472.94	.01
374.92	377.61	4.833	32.64	1473.04	1473.04	.00
380.27	383.00	4.774	32.70	1472.97	1472.96	-.01
385.08	387.85	4.676	32.90	1472.89	1472.89	.00
389.88	392.69	4.589	33.20	1473.00	1473.00	-.01
395.22	398.07	4.530	33.35	1473.04	1473.03	-.01
400.02	402.90	4.520	33.31	1473.04	1473.04	.00
404.81	407.73	4.432	33.58	1473.08	1473.08	.00
410.13	413.09	4.481	33.37	1473.12	1473.12	.01
414.92	417.91	4.432	33.51	1473.15	1473.15	.00
420.23	423.26	4.452	33.36	1473.15	1473.16	.00
425.01	428.07	4.403	33.56	1473.27	1473.26	.00
429.78	432.87	4.374	33.55	1473.23	1473.23	.00
435.08	438.21	4.393	33.48	1473.30	1473.31	.01
439.84	443.01	4.354	33.53	1473.27	1473.26	.00
445.13	448.33	4.237	33.93	1473.38	1473.38	.00
449.88	453.12	4.276	33.70	1473.34	1473.35	.01
455.16	458.44	4.286	33.66	1473.42	1473.42	.01
459.90	463.22	4.237	33.32	1472.85	1472.86	.01
465.17	468.52	4.237	33.55	1473.23	1473.22	-.01
469.91	473.29	4.227	33.52	1473.23	1473.24	.01
475.17	478.59	4.208	33.58	1473.30	1473.30	.00
479.89	483.35	4.149	33.86	1473.49	1473.49	.00
485.14	488.63	4.159	33.75	1473.49	1473.50	.01
489.86	493.39	4.208	33.67	1473.68	1473.68	.00
495.10	498.66	4.090	33.91	1473.57	1473.56	-.01
499.81	503.41	4.159	33.95	1473.98	1473.98	.00
505.04	508.67	4.178	33.81	1473.98	1473.99	.01
510.26	513.93	4.159	33.80	1473.98	1473.98	.00
514.96	518.66	4.129	33.94	1474.09	1474.09	.00
520.17	523.91	4.090	34.17	1474.32	1474.31	-.01
524.86	528.63	4.168	33.85	1474.32	1474.32	.01
530.06	533.88	4.305	33.31	1474.28	1474.29	.01
535.26	539.11	4.168	33.90	1474.54	1474.53	-.01
539.93	543.82	4.168	33.89	1474.62	1474.62	.01
545.12	549.04	4.188	33.79	1474.65	1474.66	.01
549.78	553.74	4.139	33.96	1474.73	1474.73	.00
554.96	558.96	4.139	34.04	1474.92	1474.91	.00
560.13	564.17	4.081	33.94	1474.65	1474.65	.00
564.79	568.85	4.061	34.08	1474.80	1474.80	.00
569.95	574.05	4.042	34.00	1474.73	1474.73	.00
575.11	579.25	4.100	33.89	1474.92	1474.92	.00
579.74	583.92	4.042	34.03	1474.92	1474.90	-.01
584.89	589.10	4.002	34.10	1474.92	1474.91	.00
590.04	594.28	3.983	34.08	1474.92	1474.92	.00
595.17	599.46	4.002	34.07	1475.07	1475.07	.00
599.79	604.11	4.042	33.83	1474.99	1475.00	.01
604.92	609.28	3.915	34.12	1474.92	1474.90	-.01

610.04	614.44	3.954	33.92	1474.92	1474.92	.00
615.16	619.59	3.983	33.98	1475.18	1475.18	.00
619.76	624.22	3.895	34.23	1475.22	1475.21	-.01
624.86	629.36	3.924	*****	1405.35	1469.00	-.01
629.97	634.50	3.866	*****	1405.35	1465.96	-.01
635.06	639.64	3.836	*****	1405.35	1465.92	-.01
640.16	644.76	3.836	*****	1405.35	1466.00	-.01
645.24	649.89	3.836	*****	1560.17	1478.95	-.01
649.82	654.50	3.954	33.89	1475.52	1475.51	-.01
654.90	659.61	3.944	33.82	1475.48	1475.49	.01
659.97	664.72	3.827	34.26	1475.63	1475.62	-.01
665.04	669.82	3.866	34.09	1475.67	1475.67	.01
670.10	674.92	3.836	34.22	1475.78	1475.77	.00
675.15	680.01	3.856	33.99	1475.67	1475.67	.00
680.20	685.10	3.797	34.22	1475.78	1475.78	.00
685.25	690.18	3.778	34.33	1475.93	1475.92	-.01
689.79	694.75	3.768	34.21	1475.82	1475.83	.01
694.82	699.82	3.748	34.25	1475.85	1475.85	.00
699.85	704.89	3.768	34.17	1475.93	1475.94	.01
704.88	709.95	3.768	34.32	1476.19	1476.19	.00
709.90	715.01	3.709	34.26	1475.97	1475.97	.01
714.91	720.06	3.739	34.21	1476.12	1476.12	.00
719.92	725.11	3.719	34.10	1475.97	1475.97	.01
724.93	730.15	3.719	34.22	1476.19	1476.19	-.01
729.93	735.18	3.690	34.21	1476.15	1476.16	.00
734.92	740.21	3.709	34.24	1476.34	1476.33	-.01
739.91	745.24	3.680	34.33	1476.42	1476.41	-.01
744.89	750.26	3.690	34.25	1476.46	1476.46	.00
749.87	755.27	3.768	34.08	1476.64	1476.65	.01
754.84	760.28	3.661	34.29	1476.53	1476.53	.00
759.81	765.28	3.661	34.31	1476.64	1476.63	-.01
764.78	770.28	3.641	34.34	1476.68	1476.67	-.01
770.23	775.77	3.612	34.37	1476.68	1476.68	-.01
775.18	780.76	3.621	34.27	1476.68	1476.69	.01
780.13	785.74	3.631	34.17	1476.68	1476.69	.01
785.07	790.72	3.621	34.38	1476.98	1476.97	-.01
790.01	795.69	3.602	34.47	1477.09	1477.09	.00
794.94	800.66	3.592	34.46	1477.13	1477.14	.01
799.86	805.62	3.602	34.39	1477.17	1477.18	.01
804.78	810.58	3.612	34.27	1477.13	1477.14	.01
810.19	816.02	3.631	34.22	1477.25	1477.25	.00
815.10	820.97	3.631	34.23	1477.32	1477.32	.00
820.00	825.91	3.680	33.99	1477.32	1477.32	.00
824.90	830.84	3.612	34.11	1477.25	1477.24	.00
829.80	835.77	3.582	34.17	1477.28	1477.28	-.01
835.18	841.19	3.514	34.41	1477.40	1477.39	-.01
840.06	846.11	3.543	34.30	1477.47	1477.47	.00
844.94	851.02	3.485	34.50	1477.55	1477.54	.00
849.81	855.93	3.465	34.40	1477.43	1477.43	.00
855.16	861.32	3.446	34.52	1477.58	1477.57	-.01
860.03	866.22	3.504	34.15	1477.43	1477.45	.01
864.88	871.11	3.436	34.46	1477.62	1477.61	-.01
870.22	876.49	3.426	34.36	1477.55	1477.56	.01

XSVT PROBE #000522

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.816	32.21	1502.90	1502.90	-.01
10.26	10.34	14.777	32.44	1503.13	1503.12	-.01
14.82	14.92	14.786	32.46	1503.25	1503.25	.00
19.94	20.08	14.786	32.44	1503.33	1503.34	.01
25.06	25.24	14.757	32.56	1503.45	1503.44	.00
30.17	30.39	14.659	32.48	1503.13	1503.14	.01
35.28	35.53	13.565	32.24	1499.36	1499.37	.01
39.81	40.10	11.055	32.69	1491.38	1491.37	-.01
44.92	45.24	10.400	32.84	1489.31	1489.31	-.01
50.01	50.37	9.932	32.93	1487.82	1487.81	-.01
55.10	55.50	9.111	32.79	1484.74	1484.74	.00
60.19	60.62	8.379	33.08	1482.42	1482.42	.00
65.28	65.75	8.076	33.23	1481.55	1481.54	-.01
69.79	70.29	8.115	32.61	1481.02	1481.02	.00
74.87	75.41	7.773	33.00	1480.26	1480.26	-.01
79.94	80.51	7.538	32.89	1479.32	1479.33	.01
85.01	85.62	7.363	32.76	1478.56	1478.57	.01
90.07	90.72	7.060	33.25	1478.07	1478.07	-.01
95.13	95.81	7.031	33.06	1477.81	1477.82	.01
100.18	100.90	6.747	33.31	1477.09	1477.08	-.01
105.23	105.99	6.825	32.78	1476.83	1476.83	.00
110.28	111.07	6.698	33.01	1476.68	1476.68	.00
114.76	115.59	6.757	32.72	1476.64	1476.65	.00
119.80	120.66	7.118	31.35	1476.42	1476.43	.01
124.83	125.73	6.581	32.94	1476.38	1476.37	-.01
129.86	130.80	6.571	32.93	1476.42	1476.42	.01
134.89	135.86	6.435	33.30	1476.42	1476.41	-.01
139.91	140.92	7.031	31.35	1476.42	1476.42	.00
144.93	145.97	6.493	33.05	1476.49	1476.49	.00
149.94	151.02	6.464	33.03	1476.46	1476.46	.00
154.95	156.06	6.357	33.35	1476.49	1476.49	.00
159.95	161.11	6.317	33.53	1476.64	1476.64	.00
164.95	166.14	6.327	33.45	1476.68	1476.69	.01
169.95	171.17	6.249	33.64	1476.68	1476.67	-.01
174.94	176.20	6.200	33.63	1476.57	1476.57	.01
179.93	181.23	6.181	33.51	1476.42	1476.43	.01
184.91	186.24	6.103	33.55	1476.23	1476.23	.00
189.89	191.26	6.454	32.16	1475.97	1475.98	.01
194.87	196.27	6.737	31.35	1476.15	1476.16	.01
199.84	201.28	6.571	31.58	1475.85	1475.85	.00
204.81	206.28	6.357	32.13	1475.78	1475.77	-.01
209.77	211.28	6.171	32.35	1475.40	1475.39	-.01
214.73	216.27	6.073	32.60	1475.40	1475.40	-.01
220.23	221.82	5.946	32.72	1475.14	1475.13	-.01
225.18	226.80	5.897	32.54	1474.80	1474.81	.01
230.12	231.78	6.357	30.89	1474.65	1474.65	.00
235.07	236.76	5.780	32.52	1474.47	1474.45	-.01
240.00	241.73	5.683	32.65	1474.32	1474.31	-.01
244.93	246.70	6.151	31.00	1474.20	1474.21	.01
249.86	251.66	6.435	30.03	1474.20	1474.21	.00
254.79	256.62	6.298	30.18	1473.90	1473.90	.00
260.25	262.13	6.689	28.70	1473.72	1473.72	.00
265.17	267.08	6.532	28.88	1473.38	1473.37	-.01
270.08	272.02	6.493	28.91	1473.34	1473.33	-.01
274.99	276.97	6.181	29.75	1473.23	1473.22	-.01

279.89	281.90	5.878	30.54	1473.08	1473.08	.00
284.79	286.84	5.595	31.23	1472.89	1472.89	-.01
290.23	292.31	5.448	31.60	1472.85	1472.85	-.01
295.11	297.24	5.409	31.66	1472.85	1472.84	-.01
300.00	302.16	5.350	31.97	1473.08	1473.08	.00
304.88	307.08	5.331	31.81	1472.89	1472.90	.01
309.76	311.99	5.272	31.91	1472.85	1472.84	-.01
315.17	317.44	5.184	32.19	1472.93	1472.93	.00
320.04	322.34	5.106	32.29	1472.82	1472.82	.00
324.90	327.24	5.077	32.32	1472.82	1472.82	.00
329.76	332.14	4.989	32.60	1472.89	1472.89	.00
335.16	337.57	4.979	32.55	1472.89	1472.90	.01
340.01	342.46	4.930	32.65	1472.89	1472.88	-.01
344.85	347.34	4.979	32.39	1472.85	1472.86	.00
350.23	352.76	4.823	32.90	1472.93	1472.93	.00
355.07	357.63	4.755	33.17	1473.08	1473.07	-.01
359.91	362.50	4.784	32.80	1472.82	1472.82	.01
364.73	367.36	4.716	33.03	1472.89	1472.89	.00
370.09	372.76	4.686	33.20	1473.08	1473.07	-.01
374.92	377.61	4.637	33.14	1472.89	1472.90	.00
380.27	383.00	4.637	33.07	1472.89	1472.90	.00
385.08	387.85	4.559	33.42	1473.08	1473.07	-.01
389.88	392.69	4.657	32.88	1472.89	1472.89	.00
395.22	398.07	4.520	33.27	1472.89	1472.89	-.01
400.02	402.90	4.540	33.13	1472.89	1472.89	.00
404.81	407.73	4.413	33.58	1473.00	1473.00	-.01
410.13	413.09	4.520	33.13	1472.97	1472.98	.01
414.92	417.91	4.442	33.36	1473.00	1473.00	.00
420.23	423.26	4.598	32.80	1473.04	1473.04	.00
425.01	428.07	4.696	35.72	1477.25	1477.24	-.01
429.78	432.87	4.510	32.94	1473.00	1473.02	.01
435.08	438.21	4.403	36.53	1477.25	1477.23	-.01
439.84	443.01	4.452	33.17	1473.23	1473.23	.01
445.13	448.33	4.364	33.37	1473.19	1473.19	.00
449.88	453.12	4.354	33.43	1473.30	1473.30	.00
455.16	458.44	4.393	33.19	1473.27	1473.27	.00
459.90	463.22	4.676	32.22	1473.27	1473.28	.01
465.17	468.52	4.637	32.34	1473.34	1473.33	-.01
469.91	473.29	4.686	32.14	1473.38	1473.38	.00
475.17	478.59	4.452	32.84	1473.38	1473.37	-.01
479.89	483.35	4.364	33.04	1473.34	1473.33	-.01
485.14	488.63	4.247	33.53	1473.57	1473.56	.00
489.86	493.39	4.266	33.43	1473.60	1473.62	.01
495.10	498.66	4.256	33.39	1473.60	1473.61	.01
499.81	503.41	4.305	33.23	1473.68	1473.69	.01
505.04	508.67	4.559	32.51	1473.90	1473.90	.00
510.26	513.93	4.589	32.44	1474.02	1474.02	.01
514.96	518.66	4.608	32.32	1474.02	1474.03	.01
520.17	523.91	4.374	33.05	1474.05	1474.05	.00
524.86	528.63	4.325	33.26	1474.20	1474.19	-.01
530.06	533.88	4.247	33.57	1474.35	1474.35	.00
535.26	539.11	4.354	33.08	1474.28	1474.28	.00
539.93	543.82	4.305	33.31	1474.43	1474.42	-.01
545.12	549.04	4.188	33.74	1474.58	1474.57	-.01
549.78	553.74	4.208	33.72	1474.73	1474.73	.00
554.96	558.96	4.755	31.85	1474.69	1474.69	.00
560.13	564.17	4.520	32.53	1474.65	1474.65	.00
564.79	568.85	4.315	33.02	1474.50	1474.50	.00
569.95	574.05	4.344	33.06	1474.77	1474.76	-.01
575.11	579.25	4.237	33.31	1474.73	1474.72	-.01
579.74	583.92	4.247	33.21	1474.73	1474.73	.00
584.89	589.10	4.120	33.66	1474.84	1474.84	.00
590.04	594.28	4.129	33.61	1474.92	1474.92	.01
595.17	599.46	4.071	33.65	1474.80	1474.79	-.01
599.79	604.11	4.159	33.24	1474.73	1474.73	.01
604.92	609.28	4.129	33.28	1474.73	1474.72	-.01

610.04	614.44	4.090	33.40	1474.80	1474.79	-.01
615.16	619.59	4.032	33.64	1474.95	1474.94	-.01
619.76	624.22	4.100	33.38	1474.99	1475.00	.01
624.87	629.37	4.012	33.67	1475.07	1475.06	-.01
629.97	634.51	3.993	33.70	1475.10	1475.10	.00
635.07	639.64	3.993	33.65	1475.14	1475.15	.01
640.16	644.77	4.012	33.58	1475.22	1475.22	.00
645.25	649.89	3.983	33.74	1475.37	1475.36	.00
649.82	654.50	4.051	33.39	1475.29	1475.30	.01
654.90	659.61	3.934	33.74	1475.33	1475.32	-.01
659.97	664.72	3.963	33.63	1475.40	1475.41	.00
665.04	669.82	3.915	33.82	1475.52	1475.51	-.01
670.10	674.92	3.905	33.88	1475.63	1475.63	.00
675.15	680.01	4.784	30.98	1475.67	1475.68	.01
680.20	685.10	4.774	30.91	1475.63	1475.63	.00
685.25	690.18	4.706	31.11	1475.67	1475.66	.00
689.79	694.75	4.852	30.57	1475.67	1475.68	.01
694.82	699.82	4.794	30.73	1475.70	1475.70	.00
699.85	704.89	4.823	30.59	1475.74	1475.75	.01
704.88	709.95	5.653	27.90	1475.82	1475.82	.01
709.90	715.01	5.370	28.85	1475.93	1475.93	.00
714.91	720.06	5.448	28.52	1475.93	1475.94	.01
719.92	725.11	5.370	28.72	1475.93	1475.93	.00
724.93	730.15	5.272	29.06	1476.04	1476.04	.00
729.93	735.18	4.872	30.41	1476.19	1476.19	.00
734.92	740.21	4.676	30.92	1476.12	1476.11	.00
739.91	745.24	4.491	31.54	1476.23	1476.22	-.01
744.89	750.26	4.139	32.74	1476.38	1476.37	-.01
749.87	755.27	4.647	31.02	1476.38	1476.39	.01
754.84	760.28	5.751	27.41	1476.42	1476.43	.01
759.81	765.28	5.614	27.83	1476.46	1476.45	.00
764.78	770.28	5.409	28.60	1476.68	1476.67	-.01
770.23	775.77	5.009	29.76	1476.61	1476.59	-.01
775.18	780.76	4.862	30.24	1476.68	1476.68	.00
780.13	785.74	4.794	30.33	1476.61	1476.59	-.01
785.07	790.72	4.608	30.99	1476.76	1476.75	-.01
790.01	795.69	4.413	31.68	1476.91	1476.90	-.01
794.94	800.66	4.422	31.61	1476.94	1476.96	.01
799.86	805.62	5.790	27.11	1476.94	1476.95	.00
804.78	810.58	5.194	29.04	1477.02	1477.01	-.01
810.19	816.02	4.930	29.80	1476.98	1476.98	.00
815.10	820.97	4.794	30.24	1477.06	1477.06	.00
820.00	825.91	4.745	30.42	1477.17	1477.16	-.01
824.90	830.84	4.481	31.18	1477.13	1477.12	-.01
829.80	835.77	4.325	31.69	1477.21	1477.20	.00
835.18	841.19	4.159	32.10	1477.13	1477.12	-.01
840.06	846.11	4.930	29.67	1477.32	1477.33	.01
844.94	851.02	4.491	31.07	1477.36	1477.35	-.01
849.81	855.92	3.333	*****	1405.35	1434.84	-.01
855.16	861.32	3.333	*****	1405.35	1436.20	-.01
860.02	866.21	3.333	*****	1405.35	1436.28	-.01
864.88	871.11	3.333	*****	1405.35	1436.36	-.01
870.22	876.48	3.333	*****	1405.35	1436.45	-.01

XSVT PROBE #000523

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.825	32.28	1503.02	1503.01	-.01
10.26	10.34	14.933	32.01	1503.13	1503.15	.01
14.82	14.92	14.864	32.24	1503.25	1503.24	-.01
19.94	20.08	14.816	32.33	1503.29	1503.28	-.01
25.06	25.24	14.757	32.49	1503.37	1503.36	-.01
30.17	30.39	14.816	32.25	1503.37	1503.38	.01
35.28	35.53	14.327	32.16	1501.77	1501.78	.01
39.81	40.10	11.162	32.32	1491.30	1491.30	.00
44.92	45.24	10.361	32.45	1488.70	1488.69	-.01
50.01	50.37	9.961	32.63	1487.55	1487.55	.00
55.10	55.50	9.179	32.49	1484.62	1484.62	.00
60.19	60.62	8.388	32.74	1482.04	1482.03	-.01
65.28	65.75	8.222	32.65	1481.40	1481.40	.00
69.79	70.29	8.017	32.86	1480.94	1480.93	-.01
74.87	75.41	7.783	32.75	1480.00	1480.01	.01
79.94	80.51	7.548	32.90	1479.36	1479.35	.00
85.01	85.62	7.314	32.79	1478.41	1478.42	.01
90.07	90.72	7.177	32.92	1478.11	1478.11	.00
95.13	95.81	7.060	33.00	1477.85	1477.84	-.01
100.18	100.90	7.060	32.48	1477.28	1477.29	.01
105.23	105.99	6.689	33.22	1476.83	1476.83	-.01
110.28	111.07	6.650	33.15	1476.68	1476.69	.01
114.76	115.59	6.611	33.12	1476.57	1476.57	.01
119.80	120.66	6.552	33.13	1476.42	1476.41	-.01
124.83	125.73	6.444	33.40	1476.42	1476.41	-.01
129.86	130.80	6.474	33.23	1476.42	1476.42	.00
134.89	135.86	6.435	33.27	1476.38	1476.37	-.01
139.91	140.92	6.366	33.51	1476.49	1476.48	-.01
144.93	145.97	6.337	33.54	1476.49	1476.49	.00
149.94	151.02	6.327	33.59	1476.61	1476.59	-.01
154.95	156.06	6.308	33.55	1476.57	1476.57	.01
159.95	161.11	6.239	33.77	1476.64	1476.64	-.01
164.95	166.14	6.249	33.70	1476.68	1476.69	.01
169.95	171.17	6.210	33.76	1476.68	1476.67	-.01
174.94	176.20	6.161	33.88	1476.72	1476.71	-.01
179.93	181.23	6.073	33.92	1476.49	1476.49	.00
184.91	186.24	6.024	33.95	1476.42	1476.42	.00
189.89	191.26	5.995	33.75	1476.15	1476.15	.00
194.87	196.27	5.878	34.10	1476.19	1476.19	-.01
199.84	201.28	5.907	33.93	1476.19	1476.19	.00
204.81	206.28	5.780	34.07	1475.93	1475.92	-.01
209.77	211.28	5.946	33.35	1475.78	1475.78	.00
214.73	216.27	5.907	33.18	1475.48	1475.49	.01
220.23	221.82	5.751	33.43	1475.25	1475.24	-.01
225.18	226.80	5.653	33.59	1475.14	1475.13	-.01
230.12	231.78	5.604	33.35	1474.73	1474.74	.01
235.07	236.76	5.546	33.42	1474.65	1474.65	.00
240.00	241.73	5.419	33.67	1474.54	1474.53	-.01
244.93	246.70	5.321	33.77	1474.35	1474.34	-.01
249.86	251.66	5.302	33.61	1474.17	1474.17	.00
254.79	256.62	5.194	33.73	1473.94	1473.94	.00
260.25	262.13	5.116	33.76	1473.75	1473.75	.00
265.17	267.08	5.028	33.73	1473.45	1473.46	.00
270.08	272.02	4.950	33.84	1473.34	1473.33	-.01
274.99	276.97	4.930	33.77	1473.27	1473.27	.00

279.89	281.90	4.842	33.83	1473.04	1473.04	.00
284.79	286.84	4.813	33.86	1473.04	1473.04	.00
290.23	292.31	4.774	33.84	1472.97	1472.97	.00
295.11	297.24	4.755	33.81	1472.93	1472.93	.00
300.00	302.16	4.745	33.78	1472.93	1472.93	.00
304.88	307.08	4.774	33.71	1473.04	1473.04	.00
309.76	311.99	4.696	33.83	1472.93	1472.93	.00
315.17	317.44	4.676	33.88	1473.00	1473.00	-.01
320.04	322.34	4.647	33.94	1473.04	1473.04	-.01
324.90	327.24	4.608	33.88	1472.89	1472.90	.01
329.76	332.14	4.598	33.82	1472.85	1472.87	.01
335.16	337.57	4.569	33.91	1472.93	1472.92	-.01
340.01	342.46	4.569	33.96	1473.08	1473.07	-.01
344.85	347.34	4.501	34.03	1472.97	1472.96	-.01
350.23	352.76	4.501	33.93	1472.93	1472.94	.01
355.07	357.63	4.540	33.86	1473.08	1473.09	.01
359.91	362.50	4.471	33.94	1472.97	1472.96	.00
364.73	367.36	4.413	34.01	1472.89	1472.89	.00
370.09	372.76	4.413	33.96	1472.93	1472.94	.01
374.92	377.61	4.364	34.03	1472.89	1472.88	-.01
380.27	383.00	4.335	34.06	1472.89	1472.89	-.01
385.08	387.85	4.325	34.02	1472.89	1472.90	.01
389.88	392.69	4.237	34.28	1472.93	1472.92	-.01
395.22	398.07	4.735	32.62	1472.97	1472.97	.00
400.02	402.90	4.608	33.04	1473.04	1473.04	-.01
404.81	407.73	4.471	33.36	1472.97	1472.96	-.01
410.13	413.09	4.501	33.28	1473.08	1473.09	.01
414.92	417.91	4.432	33.42	1473.04	1473.04	.00
420.23	423.26	4.374	33.60	1473.12	1473.11	.00
425.01	428.07	4.344	33.66	1473.15	1473.15	-.01
429.78	432.87	4.374	33.49	1473.15	1473.16	.00
435.08	438.21	4.374	33.46	1473.19	1473.20	.01
439.84	443.01	4.344	33.53	1473.23	1473.22	-.01
445.13	448.33	4.325	33.55	1473.27	1473.26	-.01
449.88	453.12	4.295	33.56	1473.23	1473.22	-.01
455.16	458.44	4.256	33.68	1473.30	1473.30	.00
459.90	463.22	4.354	33.32	1473.34	1473.35	.01
465.17	468.52	4.256	33.58	1473.34	1473.34	-.01
469.91	473.29	4.237	33.64	1473.42	1473.41	-.01
475.17	478.59	4.237	33.53	1473.38	1473.38	.00
479.89	483.35	4.237	33.47	1473.38	1473.38	.00
485.14	488.63	4.149	33.82	1473.53	1473.53	.00
489.86	493.39	4.188	33.68	1473.60	1473.61	.01
495.10	498.66	4.198	33.61	1473.64	1473.65	.01
499.81	503.41	4.247	33.56	1473.87	1473.87	.00
505.04	508.67	4.208	33.66	1473.90	1473.89	-.01
510.26	513.93	4.227	33.61	1474.02	1474.02	.00
514.96	518.66	4.129	33.88	1474.02	1474.01	-.01
520.17	523.91	4.256	33.48	1474.13	1474.14	.01
524.86	528.63	4.452	32.87	1474.24	1474.25	.01
530.06	533.88	4.227	33.63	1474.35	1474.35	-.01
535.26	539.11	4.217	33.59	1474.35	1474.36	.01
539.93	543.82	4.178	33.72	1474.43	1474.42	-.01
545.12	549.04	5.683	28.99	1474.69	1474.70	.01
549.78	553.74	5.897	28.27	1474.73	1474.74	.01
554.96	558.96	5.165	30.54	1474.69	1474.69	.00
560.13	564.17	4.764	31.80	1474.73	1474.72	.00
564.79	568.85	4.657	32.08	1474.73	1474.72	-.01
569.95	574.05	5.038	30.80	1474.77	1474.77	.00
575.11	579.25	4.764	31.66	1474.80	1474.79	-.01
579.74	583.92	4.510	32.31	1474.65	1474.65	-.01
584.89	589.10	4.452	32.55	1474.80	1474.80	.00
590.04	594.28	4.286	33.11	1474.92	1474.91	-.01
595.17	599.46	4.657	31.83	1474.92	1474.92	.01
599.79	604.11	4.295	32.95	1474.92	1474.90	-.01
604.92	609.28	4.315	32.73	1474.80	1474.81	.01

610.04	614.44	4.247	32.95	1474.88	1474.87	-.01
615.16	619.59	4.217	33.07	1474.99	1474.98	-.01
619.76	624.22	4.159	33.23	1475.03	1475.02	.00
624.87	629.37	4.227	32.99	1475.10	1475.11	.01
629.97	634.51	4.374	32.45	1475.10	1475.11	.01
635.07	639.64	4.120	33.28	1475.18	1475.18	.00
640.16	644.77	4.168	33.10	1475.25	1475.26	.00
645.25	649.89	4.188	32.97	1475.25	1475.26	.00
649.82	654.50	4.706	31.35	1475.40	1475.41	.01
654.89	659.61	6.855	*****	1475.40	1477.90	.01
659.97	664.72	5.116	29.92	1475.44	1475.45	.01
665.04	669.82	4.686	31.32	1475.52	1475.51	.00
670.10	674.92	4.696	31.30	1475.63	1475.64	.01
675.15	680.01	4.921	30.53	1475.67	1475.67	.00
680.20	685.10	4.891	30.60	1475.70	1475.69	-.01
685.25	690.18	4.667	31.29	1475.74	1475.73	-.01
689.79	694.75	4.628	31.33	1475.70	1475.69	-.01
694.82	699.82	4.667	31.19	1475.78	1475.79	.01
699.85	704.89	4.501	31.76	1475.89	1475.88	-.01
704.88	709.95	4.286	32.40	1475.89	1475.89	.00
709.90	715.01	4.208	32.58	1475.89	1475.88	-.01
714.91	720.06	4.198	32.57	1475.93	1475.93	.00
719.92	725.11	4.471	31.71	1476.04	1476.05	.01
724.93	730.15	5.575	28.19	1476.19	1476.20	.01
729.93	735.18	4.471	31.65	1476.12	1476.11	.00
734.92	740.21	4.325	32.15	1476.23	1476.23	.00
739.91	745.24	4.159	32.74	1476.38	1476.37	-.01
744.89	750.26	4.071	32.99	1476.42	1476.41	-.01
749.87	755.27	4.081	32.88	1476.42	1476.42	.00
754.84	760.28	4.422	31.74	1476.46	1476.46	.01
759.81	765.28	4.188	32.62	1476.68	1476.67	-.01
764.78	770.28	4.100	32.85	1476.68	1476.68	.00
770.23	775.77	4.100	32.71	1476.61	1476.61	.01
775.18	780.76	4.032	32.93	1476.68	1476.67	-.01
780.13	785.74	4.081	32.70	1476.68	1476.69	.00
785.07	790.72	3.993	32.96	1476.72	1476.71	-.01
790.01	795.69	3.954	33.23	1476.98	1476.97	-.01
794.94	800.66	4.178	32.43	1476.98	1476.99	.01
799.86	805.62	8.525	*****	1477.09	1488.16	.01
804.78	810.57	8.955	*****	1477.02	1489.35	.01
810.19	816.02	5.956	*****	1477.17	1477.65	.01
815.10	820.97	5.204	28.99	1477.17	1477.18	.01

XSVT PROBE #000524

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.845	32.06	1502.82	1502.81	-.01
10.26	10.34	14.845	32.16	1503.02	1503.02	.00
14.82	14.92	14.796	32.36	1503.17	1503.17	-.01
19.94	20.08	14.816	32.37	1503.33	1503.33	.00
25.06	25.24	14.747	32.48	1503.33	1503.32	-.01
30.17	30.39	14.796	32.33	1503.41	1503.41	.00
35.28	35.53	14.503	32.35	1502.55	1502.55	.00
39.81	40.10	11.543	32.28	1492.61	1492.62	.01
44.92	45.24	10.469	32.67	1489.35	1489.35	.00
50.01	50.37	10.107	32.62	1488.09	1488.09	.00
55.10	55.50	9.326	32.52	1485.19	1485.20	.01
60.19	60.62	8.525	32.72	1482.53	1482.52	-.01
65.28	65.75	8.291	32.66	1481.66	1481.67	.01
69.79	70.29	8.144	32.72	1481.25	1481.24	.00
74.87	75.41	7.968	32.76	1480.72	1480.70	-.01
79.94	80.51	7.734	32.71	1479.85	1479.86	.01
85.01	85.62	7.529	32.80	1479.24	1479.24	-.01
90.07	90.72	7.236	32.82	1478.22	1478.21	-.01
95.13	95.81	7.167	32.81	1478.04	1478.04	.00
100.18	100.90	7.070	32.82	1477.73	1477.73	.00
105.23	105.99	6.991	32.85	1477.55	1477.54	.00
110.28	111.07	6.728	32.97	1476.76	1476.75	-.01
114.76	115.59	6.669	33.04	1476.68	1476.68	.00
119.80	120.66	6.650	32.96	1476.61	1476.61	.00
124.83	125.73	6.464	33.37	1476.46	1476.45	-.01
129.86	130.80	6.542	33.05	1476.46	1476.46	.01
134.89	135.86	6.425	33.27	1476.34	1476.33	-.01
139.91	140.92	6.435	33.23	1476.42	1476.43	.01
144.93	145.97	6.366	33.39	1476.42	1476.41	.00
149.94	151.02	6.298	33.63	1476.53	1476.53	.00
154.95	156.06	6.288	33.58	1476.53	1476.53	.00
159.95	161.11	6.249	33.71	1476.61	1476.60	-.01
164.95	166.14	6.288	33.54	1476.64	1476.65	.00
169.95	171.17	6.288	33.51	1476.68	1476.69	.01
174.94	176.20	6.259	33.50	1476.64	1476.64	.00
179.93	181.23	6.151	33.64	1476.46	1476.45	-.01
184.91	186.24	6.357	32.86	1476.38	1476.39	.01
189.89	191.26	6.093	33.49	1476.19	1476.19	.00
194.87	196.27	5.995	33.64	1476.08	1476.07	-.01
199.84	201.28	5.966	33.63	1476.04	1476.05	.01
204.81	206.28	5.907	33.64	1475.89	1475.88	-.01
209.77	211.28	5.858	33.54	1475.67	1475.67	.00
214.73	216.27	5.722	33.71	1475.40	1475.39	-.01
220.23	221.82	5.683	33.74	1475.37	1475.36	.00
225.18	226.80	5.624	33.58	1475.03	1475.03	.00
230.12	231.78	5.507	33.66	1474.73	1474.72	-.01
235.07	236.76	5.438	33.73	1474.62	1474.61	-.01
240.00	241.73	5.399	33.64	1474.43	1474.44	.01
244.93	246.70	5.302	33.74	1474.24	1474.23	-.01
249.86	251.66	5.331	33.58	1474.24	1474.25	.01
254.79	256.62	5.223	33.72	1474.05	1474.04	-.01
260.25	262.13	5.194	33.56	1473.83	1473.84	.01
265.17	267.08	5.057	33.80	1473.64	1473.64	.00
270.08	272.02	4.930	33.93	1473.38	1473.37	-.01
274.99	276.97	4.950	33.62	1473.15	1473.16	.01

MADE IN U.S.A.

279.89	281.90	4.930	33.63	1473.15	1473.15	-.01
284.79	286.84	4.823	33.77	1472.97	1472.97	.00
290.23	292.31	4.774	33.80	1472.89	1472.89	.00
295.11	297.24	4.745	33.83	1472.89	1472.89	.00
300.00	302.16	4.706	33.92	1472.93	1472.93	.00
304.88	307.08	4.706	33.82	1472.89	1472.90	.01
309.76	311.99	4.745	33.57	1472.82	1472.82	.01
315.17	317.44	4.706	33.75	1472.97	1472.96	-.01
320.04	322.34	4.647	33.88	1472.97	1472.96	-.01
324.90	327.24	4.628	33.75	1472.82	1472.82	.00
329.76	332.14	4.657	33.60	1472.82	1472.83	.01
335.16	337.57	4.618	33.66	1472.82	1472.81	-.01
340.01	342.46	4.569	33.76	1472.82	1472.81	-.01
344.85	347.34	4.549	33.75	1472.82	1472.82	.00
350.23	352.76	4.481	34.00	1472.93	1472.92	-.01
355.07	357.63	4.481	33.81	1472.78	1472.78	.00
359.91	362.50	4.481	33.85	1472.89	1472.89	.00
364.73	367.36	4.422	34.04	1472.97	1472.97	.00
370.09	372.76	4.442	33.86	1472.93	1472.93	.00
374.92	377.61	4.432	33.83	1472.93	1472.93	.00
380.27	383.00	4.403	33.84	1472.89	1472.89	-.01
385.08	387.85	4.393	33.83	1472.93	1472.94	.01
389.88	392.69	4.208	34.38	1472.93	1472.93	.00
395.22	398.07	4.335	33.89	1472.93	1472.94	.01
400.02	402.90	4.276	34.06	1472.97	1472.97	.00
404.81	407.73	4.276	33.99	1472.97	1472.98	.01
410.13	413.09	4.286	33.88	1472.97	1472.97	.00
414.92	417.91	4.305	33.79	1473.00	1473.01	.01
420.23	423.26	4.266	33.83	1472.97	1472.96	-.01
425.01	428.07	4.295	33.75	1473.08	1473.08	.00
429.78	432.87	4.237	33.89	1473.08	1473.07	-.01
435.08	438.21	4.237	37.07	1477.25	1477.24	.00
439.84	443.01	4.217	33.87	1473.15	1473.16	.00
445.13	448.33	4.159	34.00	1473.15	1473.14	-.01
449.88	453.12	4.149	33.97	1473.15	1473.17	.01
455.16	458.44	4.149	33.96	1473.23	1473.24	.01
459.90	463.22	4.159	33.89	1473.27	1473.27	.00
465.17	468.52	4.149	33.86	1473.27	1473.27	.01
469.91	473.29	4.129	33.90	1473.30	1473.29	-.01
475.17	478.59	4.071	34.05	1473.34	1473.33	-.01
479.89	483.35	4.081	33.95	1473.34	1473.35	.01
485.14	488.63	4.120	33.87	1473.49	1473.49	.00
489.86	493.39	4.042	34.08	1473.49	1473.49	.00
495.10	498.66	4.120	33.89	1473.68	1473.68	.01
499.81	503.41	4.129	33.86	1473.75	1473.76	.01
505.04	508.67	4.266	33.44	1473.87	1473.88	.01
510.26	513.93	4.188	33.66	1473.90	1473.90	-.01
514.96	518.66	4.237	33.52	1474.02	1474.02	.01
520.17	523.91	4.139	33.84	1474.09	1474.09	-.01
524.86	528.63	4.178	33.73	1474.20	1474.21	.01
530.06	533.88	4.198	33.69	1474.32	1474.33	.01
535.26	539.11	4.120	33.85	1474.28	1474.27	-.01
539.93	543.82	4.071	33.98	1474.32	1474.31	-.01
545.12	549.04	4.188	33.67	1474.50	1474.51	.00
549.78	553.74	4.071	34.12	1474.65	1474.65	.00
554.96	558.96	4.090	33.95	1474.62	1474.62	.00
560.13	564.17	4.188	33.60	1474.65	1474.66	.01
564.79	568.85	4.071	33.90	1474.62	1474.61	-.00
569.95	574.05	4.022	34.02	1474.65	1474.65	-.01
575.11	579.25	4.139	33.65	1474.77	1474.77	.01
579.74	583.92	3.983	33.99	1474.62	1474.61	-.01
584.89	589.10	4.002	33.97	1474.77	1474.77	.00
590.04	594.28	4.012	33.93	1474.84	1474.85	.00
595.17	599.46	4.042	33.71	1474.77	1474.77	.01
599.79	604.11	3.983	33.82	1474.73	1474.72	-.01
604.92	609.28	3.905	33.98	1474.69	1474.68	-.01

610.04	614.44	3.905	33.97	1474.77	1474.78	.01
615.16	619.59	3.944	33.83	1474.84	1474.85	.00
619.76	624.22	3.963	33.90	1475.07	1475.07	.00
624.87	629.37	4.022	33.57	1474.99	1475.00	.01
629.97	634.51	4.032	33.47	1474.99	1474.99	.00
635.07	639.64	3.895	33.92	1475.07	1475.06	-.01
640.16	644.77	3.885	33.98	1475.18	1475.18	.00
645.25	649.89	3.866	34.03	1475.25	1475.25	-.01
649.82	654.50	3.915	33.77	1475.22	1475.22	.00
654.90	659.61	3.875	33.99	1475.40	1475.39	-.01
659.97	664.72	3.875	33.95	1475.44	1475.45	.01
665.04	669.82	3.875	33.88	1475.44	1475.44	.00
670.10	674.92	3.856	34.04	1475.63	1475.63	.00
675.15	680.01	3.866	33.90	1475.59	1475.60	.01
680.20	685.10	3.817	34.01	1475.59	1475.59	.00
685.25	690.18	3.836	33.81	1475.52	1475.52	.00
689.79	694.75	3.973	33.45	1475.70	1475.71	.00
694.82	699.82	4.012	33.23	1475.67	1475.67	.00
699.85	704.89	3.983	33.36	1475.78	1475.77	.00
704.88	709.95	4.002	33.34	1475.93	1475.94	.01
709.90	715.01	3.993	33.13	1475.70	1475.71	.01
714.91	720.06	4.002	33.22	1475.93	1475.92	-.01
719.92	725.11	3.895	33.45	1475.85	1475.85	.00
724.93	730.15	3.973	33.32	1476.12	1476.12	.00
729.93	735.18	3.973	33.20	1476.04	1476.05	.01
734.92	740.21	3.895	33.37	1476.00	1476.00	-.01
739.91	745.24	3.875	33.43	1476.08	1476.07	-.01
744.89	750.26	3.895	34.21	1477.25	1477.24	.00
749.87	755.27	3.866	33.50	1476.30	1476.31	.01
754.84	760.28	3.788	33.76	1476.38	1476.38	.00
759.81	765.28	3.768	33.69	1476.30	1476.31	.01
764.78	770.28	3.758	33.90	1476.61	1476.60	-.01
770.23	775.77	3.788	33.73	1476.61	1476.62	.01
775.18	780.76	3.817	33.60	1476.64	1476.65	.01
780.13	785.74	3.788	33.70	1476.72	1476.72	.00
785.07	790.72	3.739	33.73	1476.64	1476.63	-.01
790.01	795.69	3.875	33.42	1476.91	1476.91	.00
794.94	800.66	3.846	33.39	1476.83	1476.83	.00
799.86	805.62	2.860	36.66	1476.94	1476.94	.00
804.78	810.58	3.836	33.42	1476.98	1476.99	.01
810.19	816.02	3.661	33.93	1476.98	1476.98	-.01
815.10	820.97	3.797	33.41	1476.98	1476.98	.00
820.00	825.91	3.768	33.60	1477.17	1477.16	-.01
824.90	830.84	3.827	33.25	1477.06	1477.07	.01
829.80	835.77	4.120	32.32	1477.17	1477.18	.01
835.18	841.19	3.924	33.07	1477.40	1477.39	-.01
840.06	846.11	3.856	33.20	1477.36	1477.35	-.01
844.94	851.02	3.827	33.23	1477.36	1477.35	-.01
849.81	855.93	3.778	33.33	1477.36	1477.35	-.01
855.16	861.32	3.690	33.41	1477.17	1477.17	.00
860.03	866.22	3.661	33.50	1477.25	1477.24	.00
864.88	871.11	3.690	33.47	1477.43	1477.43	.00
870.22	876.48	36.667	*****	1479.05	1565.84	.00

XSVT PROBE #000525

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.816	32.11	1502.78	1502.78	.00
10.26	10.34	14.806	32.43	1503.21	1503.21	-.01
14.82	14.92	14.796	32.49	1503.33	1503.32	-.01
19.94	20.08	14.855	32.35	1503.45	1503.45	.01
25.06	25.24	14.777	32.57	1503.52	1503.52	.00
30.17	30.39	14.708	32.65	1503.49	1503.48	-.01
35.28	35.53	13.810	32.37	1500.33	1500.33	.00
39.81	40.10	11.026	32.68	1491.27	1491.26	-.01
44.92	45.24	10.430	32.75	1489.31	1489.31	-.01
50.01	50.37	9.941	32.78	1487.67	1487.66	-.01
55.10	55.50	9.424	32.85	1485.95	1485.94	-.01
60.19	60.62	8.505	32.81	1482.57	1482.58	.01
65.28	65.75	8.252	32.94	1481.85	1481.85	.00
69.79	70.29	8.369	32.05	1481.28	1481.29	.01
74.87	75.41	8.085	32.31	1480.60	1480.59	-.01
79.94	80.51	7.763	32.48	1479.66	1479.66	.00
85.01	85.62	8.193	30.80	1479.32	1479.33	.01
90.07	90.72	7.402	32.31	1478.22	1478.22	.00
95.13	95.81	7.324	32.45	1478.19	1478.18	-.01
100.18	100.90	7.187	32.35	1477.62	1477.63	.00
105.23	105.99	6.982	32.66	1477.28	1477.27	-.01
110.28	111.07	6.777	32.88	1476.83	1476.83	.00
114.76	115.59	6.728	32.87	1476.72	1476.72	.00
119.80	120.66	6.620	33.07	1476.61	1476.60	.00
124.83	125.73	6.601	33.05	1476.61	1476.61	.01
129.86	130.80	6.552	33.12	1476.57	1476.56	-.01
134.89	135.86	6.474	33.30	1476.57	1476.56	.00
139.91	140.92	6.405	33.51	1476.64	1476.64	-.01
144.93	145.97	6.386	33.49	1476.64	1476.64	.00
149.94	151.02	6.386	33.46	1476.68	1476.69	.01
154.95	156.06	6.347	33.56	1476.72	1476.72	.00
159.95	161.11	6.269	33.74	1476.72	1476.72	.00
164.95	166.14	6.308	33.60	1476.79	1476.80	.01
169.95	171.17	6.239	33.79	1476.83	1476.82	-.01
174.94	176.20	6.083	34.19	1476.79	1476.79	.00
179.93	181.23	6.132	33.84	1476.64	1476.65	.01
184.91	186.24	6.024	34.07	1476.57	1476.57	.00
189.89	191.26	5.907	34.06	1476.19	1476.19	.00
194.87	196.27	5.946	33.90	1476.23	1476.23	.00
199.84	201.28	5.897	33.85	1476.04	1476.05	.01
204.81	206.28	5.868	33.79	1475.93	1475.94	.01
209.77	211.28	5.770	33.98	1475.85	1475.85	-.01
214.73	216.27	5.683	33.86	1475.44	1475.45	.01
220.23	221.82	5.585	33.90	1475.18	1475.17	-.01
225.18	226.80	5.477	34.18	1475.18	1475.17	-.01
230.12	231.78	5.516	33.77	1474.92	1474.92	.00
235.07	236.76	5.409	33.91	1474.73	1474.72	-.01
240.00	241.73	5.389	33.82	1474.62	1474.63	.01
244.93	246.70	5.350	33.83	1474.54	1474.54	.00
249.86	251.66	5.321	33.70	1474.35	1474.36	.01
254.79	256.62	5.233	33.78	1474.17	1474.16	.00
260.25	262.13	5.184	33.71	1473.98	1473.99	.01
265.17	267.08	5.145	33.53	1473.68	1473.68	.00
270.08	272.02	5.028	33.68	1473.45	1473.45	.00
274.99	276.97	4.979	33.74	1473.42	1473.41	-.01

279.89	281.90	4.979	33.73	1473.49	1473.50	.01
284.79	286.84	4.921	33.71	1473.30	1473.32	.01
290.23	292.31	4.882	33.67	1473.19	1473.19	.00
295.11	297.24	4.852	33.72	1473.19	1473.19	.00
300.00	302.16	4.872	33.55	1473.15	1473.16	.01
304.88	307.08	4.901	33.42	1473.19	1473.19	.00
309.76	311.99	4.852	33.50	1473.15	1473.15	-.01
315.17	317.44	4.794	33.62	1473.15	1473.15	.00
320.04	322.34	4.735	33.69	1473.08	1473.08	.00
324.90	327.24	4.745	33.52	1473.00	1473.01	.00
329.76	332.14	4.706	33.60	1473.00	1473.00	.00
335.16	337.57	4.716	33.46	1472.97	1472.98	.01
340.01	342.46	4.706	33.43	1472.97	1472.98	.01
344.85	347.34	4.696	33.40	1472.97	1472.98	.01
350.23	352.76	4.657	33.58	1473.12	1473.11	.00
355.07	357.63	4.628	33.61	1473.12	1473.11	-.01
359.91	362.50	4.569	33.71	1473.08	1473.07	-.01
364.73	367.36	4.569	33.64	1473.08	1473.09	.01
370.09	372.76	4.540	33.70	1473.12	1473.11	-.01
374.92	377.61	4.501	33.77	1473.12	1473.12	.00
380.27	383.00	4.481	33.69	1473.04	1473.04	.00
385.08	387.85	4.481	33.63	1473.04	1473.05	.00
389.88	392.69	4.471	33.60	1473.04	1473.04	.00
395.22	398.07	4.364	33.98	1473.15	1473.15	.00
400.02	402.90	4.393	33.78	1473.12	1473.12	.00
404.81	407.73	4.354	33.89	1473.15	1473.15	.00
410.13	413.09	4.364	33.81	1473.19	1473.20	.01
414.92	417.91	4.374	33.68	1473.15	1473.16	.00
420.23	423.26	4.335	33.72	1473.12	1473.11	-.01
425.01	428.07	4.335	33.75	1473.23	1473.22	-.01
429.78	432.87	4.315	33.74	1473.23	1473.23	.00
435.08	438.21	4.286	33.84	1473.30	1473.30	.00
439.84	443.01	4.256	33.85	1473.27	1473.27	.00
445.13	448.33	4.295	33.67	1473.30	1473.31	.01
449.88	453.12	4.266	33.77	1473.38	1473.37	-.01
455.16	458.44	4.227	33.92	1473.49	1473.49	.00
459.90	463.22	4.217	33.82	1473.42	1473.42	.00
465.17	468.52	4.159	33.95	1473.42	1473.41	-.01
469.91	473.29	4.217	33.66	1473.38	1473.38	.00
475.17	478.59	4.178	33.79	1473.45	1473.44	-.01
479.89	483.35	4.188	33.82	1473.60	1473.60	.00
485.14	488.63	4.217	33.76	1473.75	1473.76	.00
489.86	493.39	4.178	33.87	1473.79	1473.79	.00
495.10	498.66	4.159	33.92	1473.87	1473.86	-.01
499.81	503.41	4.198	33.75	1473.90	1473.91	.00
505.04	508.67	4.168	33.85	1473.98	1473.97	-.01
510.26	513.93	4.159	33.90	1474.09	1474.08	-.01
514.96	518.66	4.208	33.73	1474.17	1474.17	.01
520.17	523.91	4.168	33.86	1474.24	1474.23	-.01
524.86	528.63	4.129	33.96	1474.28	1474.28	.00
530.06	533.88	4.120	33.91	1474.28	1474.28	.01
535.26	539.11	4.120	33.87	1474.32	1474.32	.00
539.93	543.82	4.139	33.99	1474.62	1474.60	-.01
545.12	549.04	4.247	33.65	1474.73	1474.73	.00
549.76	553.74	4.120	33.87	1474.54	1474.53	-.01
554.96	558.96	4.090	33.86	1474.50	1474.50	.00
560.13	564.17	4.090	33.92	1474.65	1474.64	-.01
564.79	568.85	4.081	33.95	1474.73	1474.72	-.01
569.95	574.05	4.071	34.01	1474.84	1474.84	.00
575.11	579.25	4.061	33.87	1474.73	1474.73	.00
579.74	583.92	4.071	33.78	1474.73	1474.73	.00
584.89	589.10	4.032	33.97	1474.88	1474.87	-.01
590.04	594.28	4.022	33.96	1474.92	1474.93	.01
595.17	599.46	4.022	34.05	1475.10	1475.10	.00
599.79	604.11	3.973	33.96	1474.88	1474.88	.00
604.92	609.28	4.002	33.86	1474.95	1474.96	.01

610.04	614.44	3.895	34.30	1475.14	1475.14	-.01
615.16	619.59	3.885	34.26	1475.14	1475.15	.01
619.76	624.22	3.944	33.89	1474.99	1475.00	.01
624.87	629.37	3.934	33.98	1475.14	1475.13	-.01
629.97	634.51	3.934	33.94	1475.18	1475.19	.01
635.07	639.64	3.934	33.93	1475.25	1475.26	.01
640.16	644.77	3.934	33.84	1475.22	1475.23	.01
645.25	649.89	3.885	33.94	1475.22	1475.21	-.01
649.82	654.50	3.924	33.92	1475.44	1475.45	.01
654.90	659.61	3.934	33.85	1475.48	1475.48	.01
659.97	664.72	3.905	33.92	1475.52	1475.51	-.01
665.04	669.82	3.895	33.95	1475.59	1475.59	.00
670.10	674.92	3.934	33.74	1475.59	1475.59	.00
675.15	680.01	3.895	33.87	1475.67	1475.65	-.01
680.20	685.10	3.885	33.86	1475.70	1475.71	.00
685.25	690.18	3.856	33.87	1475.67	1475.66	-.01
689.79	694.75	3.846	33.91	1475.74	1475.74	.00
694.82	699.82	3.827	33.99	1475.85	1475.85	-.01
699.85	704.89	3.827	33.94	1475.89	1475.89	.00
704.88	709.95	3.836	33.85	1475.89	1475.90	.00
709.90	715.01	3.788	34.04	1476.00	1476.00	-.01
714.91	720.06	3.846	33.87	1476.12	1476.13	.01
719.92	725.11	3.748	34.19	1476.19	1476.19	-.01
724.93	730.15	3.944	33.50	1476.23	1476.23	.00
729.93	735.18	3.885	33.76	1476.38	1476.37	-.01
734.92	740.21	3.827	33.94	1476.46	1476.44	-.01
739.91	745.24	3.846	33.69	1476.30	1476.31	.01
744.89	750.26	3.797	34.03	1476.61	1476.60	-.01
749.87	755.27	3.778	33.96	1476.53	1476.54	.01
754.84	760.28	3.866	33.70	1476.64	1476.65	.01
759.81	765.28	3.778	33.96	1476.68	1476.68	-.01
764.78	770.28	3.758	33.92	1476.64	1476.65	.00
770.23	775.77	3.768	33.88	1476.72	1476.73	.01
775.18	780.76	3.739	33.89	1476.68	1476.67	-.01
780.13	785.74	3.758	33.76	1476.68	1476.69	.01
785.07	790.72	3.680	34.13	1476.91	1476.90	-.01
790.01	795.69	3.748	33.98	1477.09	1477.10	.00
794.94	800.66	3.700	34.06	1477.06	1477.06	.00
799.86	805.62	3.651	34.18	1477.09	1477.09	-.01
804.78	810.58	3.709	33.92	1477.09	1477.10	.01
810.19	816.02	3.690	33.98	1477.17	1477.16	-.01
815.10	820.97	3.631	34.17	1477.25	1477.24	-.01
820.00	825.91	3.651	34.03	1477.25	1477.25	.00
824.90	830.84	3.631	34.10	1477.32	1477.31	-.01
829.80	835.77	3.612	34.06	1477.28	1477.29	.00
835.18	841.19	3.621	34.09	1477.43	1477.43	-.01
840.06	846.11	3.582	34.13	1477.40	1477.39	.00
844.94	851.02	3.485	34.29	1477.28	1477.27	-.01
849.81	855.93	3.592	34.05	1477.51	1477.52	.01
855.16	861.32	3.524	34.12	1477.40	1477.39	-.01
860.03	866.22	3.524	34.11	1477.47	1477.48	.01
864.88	871.11	3.465	34.34	1477.58	1477.58	.00
870.22	876.49	3.504	34.13	1477.58	1477.59	.00

XSVT PROBE #000526

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.874	32.12	1502.98	1502.98	.00
10.26	10.34	14.864	32.24	1503.17	1503.17	.00
14.82	14.92	14.855	32.30	1503.29	1503.29	.00
19.94	20.08	14.825	32.38	1503.37	1503.37	.00
25.06	25.24	14.835	32.30	1503.41	1503.41	.01
30.17	30.39	14.777	32.29	1503.29	1503.30	.01
35.28	35.53	13.282	31.92	1498.05	1498.05	.01
39.81	40.10	11.045	32.53	1491.15	1491.14	-.01
44.92	45.24	10.479	32.61	1489.31	1489.31	.00
50.01	50.37	10.068	32.65	1487.97	1487.96	-.01
55.10	55.50	9.404	32.73	1485.72	1485.72	.00
60.19	60.62	8.535	32.65	1482.50	1482.50	.00
65.28	65.75	8.300	32.76	1481.81	1481.81	-.01
69.79	70.29	8.154	32.78	1481.36	1481.35	-.01
74.87	75.41	7.880	32.88	1480.53	1480.52	-.01
79.94	80.51	7.626	32.83	1479.58	1479.59	.01
85.01	85.62	7.538	32.76	1479.24	1479.25	.00
90.07	90.72	7.206	32.92	1478.22	1478.22	.00
95.13	95.81	7.138	32.97	1478.11	1478.10	-.01
100.18	100.90	6.991	33.09	1477.77	1477.76	-.01
105.23	105.99	6.855	32.90	1477.09	1477.10	.01
110.28	111.07	6.679	33.13	1476.76	1476.76	.00
114.76	115.59	6.650	33.09	1476.68	1476.69	.01
119.80	120.66	6.532	33.31	1476.57	1476.56	-.01
124.83	125.73	6.513	33.43	1476.72	1476.72	.00
129.86	130.80	6.503	33.20	1476.49	1476.50	.00
134.89	135.86	6.386	33.51	1476.49	1476.48	-.01
139.91	140.92	6.425	33.35	1476.53	1476.54	.01
144.93	145.97	6.357	33.57	1476.61	1476.60	.00
149.94	151.02	6.347	33.62	1476.72	1476.71	-.01
154.95	156.06	6.269	33.74	1476.64	1476.63	-.01
159.95	161.11	6.259	33.77	1476.72	1476.71	.00
164.95	166.14	6.269	33.69	1476.76	1476.76	.00
169.95	171.17	6.230	33.73	1476.72	1476.71	-.01
174.94	176.20	6.151	33.88	1476.68	1476.67	-.01
179.93	181.23	6.122	33.81	1476.57	1476.57	.00
184.91	186.24	5.995	33.98	1476.34	1476.34	.00
189.89	191.26	5.946	33.88	1476.12	1476.12	.01
194.87	196.27	5.888	34.07	1476.19	1476.19	.00
199.84	201.28	5.897	33.76	1475.93	1475.94	.01
204.81	206.28	5.800	34.01	1475.93	1475.92	-.01
209.77	211.28	5.722	33.92	1475.59	1475.60	.01
214.73	216.27	5.595	33.97	1475.22	1475.21	.00
220.23	221.82	5.526	34.06	1475.14	1475.14	.00
225.18	226.80	5.458	34.02	1474.92	1474.92	.00
230.12	231.78	5.389	34.10	1474.80	1474.80	-.01
235.07	236.76	5.350	34.00	1474.62	1474.62	.00
240.00	241.73	5.282	34.14	1474.58	1474.58	.00
244.93	246.70	5.214	34.23	1474.50	1474.49	-.01
249.86	251.66	5.253	33.91	1474.35	1474.35	.00
254.79	256.62	5.194	33.89	1474.17	1474.17	.00
260.25	262.13	5.087	34.09	1474.05	1474.05	.00
265.17	267.08	4.969	34.11	1473.68	1473.68	.00
270.08	272.02	4.930	34.01	1473.49	1473.49	.00
274.99	276.97	4.891	34.03	1473.42	1473.42	.00

279.89	281.90	4.901	33.95	1473.45	1473.46	.01
284.79	286.84	4.813	34.12	1473.38	1473.37	-.01
290.23	292.31	4.774	33.99	1473.15	1473.16	.00
295.11	297.24	4.764	33.96	1473.15	1473.16	.01
300.00	302.16	4.725	34.06	1473.19	1473.18	-.01
304.88	307.08	4.686	34.07	1473.12	1473.11	.00
309.76	311.99	4.745	33.80	1473.12	1473.12	.00
315.17	317.44	4.667	33.97	1473.08	1473.08	.00
320.04	322.34	4.618	34.06	1473.08	1473.07	-.01
324.90	327.24	4.589	34.05	1473.04	1473.04	.00
329.76	332.14	4.647	33.69	1472.89	1472.90	.01
335.16	337.57	4.628	33.65	1472.85	1472.86	.01
340.01	342.48	4.501	34.04	1472.89	1472.89	.00
344.85	347.34	4.540	33.84	1472.89	1472.90	.01
350.23	352.76	4.637	33.60	1473.08	1473.08	.00
355.07	357.63	4.735	33.25	1473.12	1473.12	.00
359.91	362.50	4.589	33.62	1473.04	1473.04	.00
364.73	367.36	4.549	33.65	1473.00	1472.99	-.01
370.09	372.76	4.501	33.77	1473.04	1473.04	-.01
374.92	377.61	4.442	33.87	1473.00	1473.00	-.01
380.27	383.00	4.930	32.24	1473.04	1473.04	.00
385.08	387.85	4.510	33.52	1473.00	1473.00	-.01
389.88	392.69	4.413	33.80	1473.04	1473.03	-.01
395.22	398.07	4.403	33.78	1473.08	1473.08	.00
400.02	402.90	4.364	33.89	1473.12	1473.11	.00
404.81	407.73	4.344	33.85	1473.08	1473.08	.00
410.13	413.09	4.325	33.91	1473.15	1473.14	-.01
414.92	417.91	4.305	33.88	1473.12	1473.13	.01
420.23	423.26	4.276	33.91	1473.12	1473.10	-.01
425.01	428.07	4.286	33.87	1473.19	1473.20	.01
429.78	432.87	4.315	33.77	1473.27	1473.27	.00
435.08	438.21	4.305	33.74	1473.27	1473.28	.01
439.84	443.01	4.286	33.78	1473.30	1473.30	.00
445.13	448.33	4.168	34.12	1473.34	1473.33	-.01
449.88	453.12	4.256	33.74	1473.30	1473.32	.01
455.16	458.44	4.110	34.21	1473.38	1473.37	-.01
459.90	463.22	4.178	33.92	1473.38	1473.39	.01
465.17	468.52	4.139	33.99	1473.38	1473.37	.00
469.91	473.29	4.139	33.98	1473.45	1473.47	.01
475.17	478.59	4.081	34.25	1473.64	1473.63	-.01
479.89	483.35	4.286	33.55	1473.68	1473.69	.01
485.14	488.63	4.168	33.96	1473.79	1473.78	-.01
489.86	493.39	4.129	34.06	1473.83	1473.83	.00
495.10	498.66	4.110	34.08	1473.87	1473.86	.00
499.81	503.41	4.090	34.11	1473.90	1473.89	-.01
505.04	508.67	4.159	33.90	1474.02	1474.02	.01
510.26	513.93	4.159	33.93	1474.13	1474.12	-.01
514.96	518.66	4.100	34.06	1474.13	1474.12	-.01
520.17	523.91	4.110	34.01	1474.20	1474.21	.01
524.86	528.63	4.129	33.98	1474.32	1474.33	.01
530.06	533.88	4.110	34.10	1474.47	1474.46	.00
535.26	539.11	4.032	34.23	1474.39	1474.39	.00
539.93	543.82	4.159	33.74	1474.39	1474.39	.00
545.12	549.04	4.081	34.09	1474.58	1474.57	.00
549.78	553.74	4.002	34.23	1474.50	1474.50	.00
554.96	558.96	4.100	33.80	1474.47	1474.47	.00
560.13	564.17	4.002	34.18	1474.62	1474.61	-.01
564.79	568.85	4.032	34.04	1474.65	1474.66	.00
569.95	574.05	4.071	33.97	1474.80	1474.81	.01
575.11	579.25	3.973	34.32	1474.92	1474.91	.00
579.74	583.92	4.012	34.09	1474.88	1474.88	.00
584.89	589.10	4.071	33.81	1474.84	1474.85	.01
590.04	594.28	3.963	34.16	1474.92	1474.91	.00
595.17	599.46	3.954	34.08	1474.88	1474.88	.00
599.79	604.11	3.944	34.10	1474.92	1474.91	.00
604.92	609.28	3.963	33.96	1474.92	1474.92	.01

610.04	614.44	3.895	34.09	1474.88	1474.86	-.01
615.16	619.59	3.866	34.27	1475.07	1475.06	-.01
619.76	624.22	3.905	34.07	1475.07	1475.07	.00
624.87	629.37	3.866	34.20	1475.14	1475.13	-.01
629.97	634.51	3.856	34.26	1475.25	1475.25	-.01
635.07	639.64	3.856	34.18	1475.25	1475.25	.00
640.16	644.77	3.934	33.89	1475.29	1475.29	.00
645.25	649.89	3.866	34.15	1475.40	1475.40	.00
649.82	654.50	3.875	34.05	1475.40	1475.41	.01
654.90	659.61	3.927	34.21	1475.48	1475.47	-.01
659.97	664.72	3.797	34.27	1475.52	1475.51	-.01
665.04	669.82	3.758	34.36	1475.55	1475.54	-.01
670.10	674.92	3.856	34.00	1475.59	1475.60	.01
675.15	680.01	3.708	34.19	1475.63	1475.62	-.01
680.20	685.10	3.768	34.25	1475.70	1475.69	-.01
685.25	690.18	3.797	34.06	1475.67	1475.68	.01
689.79	694.75	3.768	34.19	1475.78	1475.77	.00
694.82	699.82	3.690	34.41	1475.82	1475.81	.00
699.85	704.89	3.748	34.23	1475.93	1475.93	.00
704.88	709.95	3.700	34.33	1475.93	1475.92	-.01
709.90	715.01	3.748	34.19	1476.04	1476.05	.01
714.91	720.06	3.739	34.20	1476.08	1476.08	.00
719.92	725.11	3.778	34.08	1476.19	1476.20	.00
724.93	730.15	3.690	34.37	1476.27	1476.26	-.01
729.93	735.18	3.748	34.23	1476.42	1476.43	.01
734.92	740.21	3.758	34.13	1476.42	1476.43	.01
739.91	745.24	3.690	34.33	1476.46	1476.45	.00
744.89	750.26	3.709	34.25	1476.53	1476.54	.01
749.87	755.27	3.690	34.26	1476.53	1476.53	.00
754.84	760.28	3.661	34.32	1476.57	1476.56	.00
759.81	765.28	3.602	34.51	1476.64	1476.64	.00
764.78	770.28	3.670	34.24	1476.68	1476.69	.01
770.23	775.77	3.602	34.40	1476.68	1476.67	-.01
775.18	780.76	3.592	34.36	1476.68	1476.69	.01
780.13	785.74	3.602	34.42	1476.87	1476.86	-.01
785.07	790.72	3.612	34.37	1476.94	1476.95	.00
790.01	795.69	3.602	34.41	1477.02	1477.01	-.01
794.94	800.66	3.612	34.30	1477.02	1477.02	.00
799.86	805.62	3.592	34.16	1476.83	1476.84	.00
804.78	810.58	3.612	34.25	1477.09	1477.09	.00
810.19	816.02	3.582	34.33	1477.17	1477.16	-.01
815.10	820.97	3.563	34.29	1477.13	1477.13	.00
820.00	825.91	3.524	34.43	1477.21	1477.20	.00
824.90	830.84	3.514	34.42	1477.25	1477.26	.01
829.80	835.77	3.495	34.51	1477.36	1477.35	-.01
835.18	841.19	3.582	34.24	1477.47	1477.48	.01
840.06	846.11	3.817	33.32	1477.36	1477.37	.01
844.94	851.02	3.524	34.28	1477.43	1477.42	-.01
849.81	855.93	3.514	34.27	1477.47	1477.47	.00
855.16	861.32	3.426	34.53	1477.51	1477.50	-.01
860.03	866.22	3.407	34.38	1477.32	1477.33	.01
864.88	871.11	3.416	34.47	1477.55	1477.54	-.01
870.22	876.49	3.426	34.36	1477.55	1477.56	.01

XSVT PROBE #000551

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.786	32.36	1502.98	1502.97	.00
10.26	10.34	14.798	32.35	1503.10	1503.10	.01
14.82	14.92	14.747	32.63	1503.33	1503.32	.00
19.94	20.08	14.747	32.58	1503.37	1503.37	.01
25.06	25.24	14.747	32.57	1503.45	1503.45	.00
30.17	30.39	14.532	32.56	1502.82	1502.83	.00
35.28	35.53	11.895	32.41	1493.92	1493.92	.00
39.81	40.10	10.606	32.81	1489.92	1489.92	.00
44.92	45.24	10.283	32.84	1488.89	1488.89	-.01
50.01	50.37	9.648	32.94	1486.79	1486.79	.00
55.10	55.50	8.965	32.77	1484.17	1484.17	.01
60.19	60.62	8.388	32.90	1482.23	1482.23	.00
65.28	65.75	8.105	32.96	1481.32	1481.32	-.01
69.79	70.29	7.998	32.94	1480.98	1480.98	.00
74.87	75.41	7.724	33.15	1480.26	1480.26	-.01
79.94	80.51	7.558	32.98	1479.51	1479.51	.01
85.01	85.62	7.451	33.01	1479.21	1479.20	-.01
90.07	90.72	7.158	33.07	1478.22	1478.22	.00
95.13	95.81	7.089	33.06	1478.04	1478.05	.01
100.18	100.90	6.874	33.25	1477.51	1477.50	.00
105.23	105.99	6.737	33.21	1477.02	1477.03	.01
110.28	111.07	6.630	33.22	1476.68	1476.68	-.01
114.76	115.59	6.571	33.26	1476.57	1476.57	.00
119.80	120.66	6.513	33.52	1476.76	1476.75	-.01
124.83	125.73	6.484	33.33	1476.49	1476.50	.01
129.86	130.80	6.435	33.40	1476.46	1476.45	.00
134.89	135.86	6.327	33.64	1476.42	1476.41	-.01
139.91	140.92	6.347	33.56	1476.49	1476.50	.00
144.93	145.97	6.317	33.63	1476.53	1476.52	-.01
149.94	151.02	6.249	33.84	1476.61	1476.60	-.01
154.95	156.06	6.230	33.82	1476.61	1476.61	.00
159.95	161.11	6.288	33.64	1476.68	1476.69	.01
164.95	166.14	6.210	33.86	1476.72	1476.72	.00
169.95	171.17	6.230	33.72	1476.72	1476.73	.01
174.94	176.20	6.073	34.04	1476.57	1476.56	-.01
179.93	181.23	6.034	33.97	1476.42	1476.42	.01
184.91	186.24	5.946	34.04	1476.23	1476.22	-.01
189.89	191.26	5.868	34.14	1476.12	1476.11	.00
194.87	196.27	5.878	33.97	1476.04	1476.05	.01
199.84	201.28	5.810	33.98	1475.85	1475.84	-.01
204.81	206.28	5.770	34.05	1475.85	1475.85	.00
209.77	211.28	5.683	34.04	1475.59	1475.60	.01
214.73	216.27	5.585	34.12	1475.37	1475.36	.00
220.23	221.82	5.526	34.08	1475.18	1475.19	.01
225.18	226.80	5.536	33.77	1474.92	1474.92	.00
230.12	231.78	5.546	33.65	1474.88	1474.89	.01
235.07	236.76	5.477	33.57	1474.58	1474.59	.01
240.00	241.73	5.321	33.95	1474.50	1474.49	-.01
244.93	246.70	5.341	33.82	1474.50	1474.51	.01
249.86	251.66	5.302	33.70	1474.28	1474.28	.01
254.79	256.62	5.194	33.87	1474.13	1474.12	-.01
260.25	262.13	5.106	34.00	1474.02	1474.01	.00
265.17	267.08	5.018	33.91	1473.64	1473.65	.01
270.08	272.02	4.882	34.15	1473.45	1473.45	.00
274.99	276.97	4.940	33.80	1473.34	1473.35	.01

279.89	281.90	4.911	33.87	1473.38	1473.37	-.01
284.79	286.84	4.813	34.00	1473.23	1473.22	-.01
290.23	292.31	4.813	33.87	1473.15	1473.17	.01
295.11	297.24	4.794	33.90	1473.19	1473.18	-.01
300.00	302.16	4.686	34.13	1473.12	1473.11	-.01
304.88	307.08	4.667	34.09	1473.08	1473.09	.01
309.76	311.99	4.667	34.06	1473.12	1473.13	.01
315.17	317.44	4.608	34.07	1472.97	1472.96	-.01
320.04	322.34	4.628	33.96	1473.00	1473.01	.00
324.90	327.24	4.540	34.11	1472.89	1472.89	.00
329.76	332.14	4.540	34.00	1472.85	1472.86	.00
335.16	337.57	4.520	34.01	1472.85	1472.85	-.01
340.01	342.46	4.491	34.10	1472.93	1472.92	-.01
344.85	347.34	4.520	34.02	1473.04	1473.05	.01
350.23	352.76	4.471	34.15	1473.08	1473.07	-.01
355.07	357.63	4.432	34.21	1473.08	1473.07	-.01
359.91	362.50	4.422	34.09	1472.97	1472.98	.01
364.73	367.36	4.403	34.15	1473.04	1473.03	-.01
370.09	372.76	4.452	33.92	1473.04	1473.05	.01
374.92	377.61	4.354	34.18	1473.04	1473.03	-.01
380.27	383.00	4.364	34.07	1473.04	1473.05	.00
385.08	387.85	4.305	34.21	1473.04	1473.03	-.01
389.88	392.69	4.305	34.11	1473.00	1473.01	.01
395.22	398.07	4.237	34.30	1473.04	1473.03	-.01
400.02	402.90	4.295	34.01	1473.00	1473.01	.00
404.81	407.73	4.198	34.36	1473.12	1473.10	-.01
410.13	413.09	4.247	34.13	1473.12	1473.13	.01
414.92	417.91	4.256	34.04	1473.12	1473.13	.01
420.23	423.26	4.198	34.20	1473.15	1473.15	.00
425.01	428.07	4.198	34.18	1473.23	1473.23	.00
429.78	432.87	4.159	34.23	1473.19	1473.19	-.01
435.08	438.21	4.256	33.84	1473.19	1473.20	.01
439.84	443.01	4.208	33.97	1473.23	1473.22	-.01
445.13	448.33	4.266	33.76	1473.30	1473.30	.00
449.88	453.12	4.198	33.99	1473.38	1473.37	-.01
455.16	458.44	4.266	33.64	1473.30	1473.32	.01
459.90	463.22	4.081	34.24	1473.38	1473.37	-.01
465.17	468.52	4.129	34.01	1473.38	1473.38	.01
469.91	473.29	4.120	34.02	1473.42	1473.41	.00
475.17	478.59	4.110	34.04	1473.49	1473.48	-.01
479.89	483.35	4.002	34.30	1473.45	1473.44	-.01
485.14	488.63	3.895	34.76	1473.68	1473.67	-.01
489.86	493.39	4.012	34.40	1473.79	1473.80	.01
495.10	498.66	4.071	34.22	1473.90	1473.90	.00
499.81	503.41	4.071	34.16	1473.90	1473.90	.00
505.04	508.67	4.090	34.22	1474.13	1474.12	-.01
510.26	513.93	4.051	34.25	1474.09	1474.08	-.01
514.96	518.66	4.081	34.14	1474.17	1474.17	.00
520.17	523.91	4.149	33.91	1474.24	1474.24	.00
524.86	528.63	4.051	34.33	1474.43	1474.43	.00
530.06	533.88	4.051	34.22	1474.39	1474.39	.00
535.26	539.11	3.963	34.42	1474.35	1474.34	-.01
539.93	543.82	4.071	34.12	1474.50	1474.51	.01
545.12	549.04	3.993	34.34	1474.54	1474.53	-.01
549.78	553.74	4.012	34.12	1474.43	1474.43	.00
554.96	558.96	3.924	34.38	1474.47	1474.45	-.01
560.13	564.17	3.944	34.40	1474.65	1474.65	.00
564.79	568.85	4.012	34.14	1474.69	1474.70	.01
569.95	574.05	4.237	32.06	1473.04	1473.05	.01
575.11	579.25	4.217	32.10	1473.08	1473.08	.00
579.74	583.92	4.208	32.08	1473.12	1473.12	.00
584.89	589.10	4.188	32.09	1473.12	1473.11	-.01
590.04	594.28	4.256	31.83	1473.15	1473.17	.01
595.17	599.46	4.198	31.99	1473.19	1473.19	.00
599.79	604.11	4.129	32.21	1473.27	1473.26	-.01
604.92	609.28	4.295	31.59	1473.27	1473.27	.00

610.04	614.44	4.208	31.82	1473.27	1473.26	-.01
615.16	619.59	4.266	31.56	1473.27	1473.28	.01
619.76	624.22	4.198	31.73	1473.27	1473.26	-.01
624.87	629.37	4.315	31.30	1473.30	1473.31	.00
629.97	634.51	4.149	31.85	1473.38	1473.38	.00
635.07	639.64	4.042	32.10	1473.34	1473.33	-.01
640.16	644.77	4.071	31.99	1473.42	1473.42	.01
645.25	649.89	4.168	31.75	1473.60	1473.60	.00
649.82	654.50	4.022	32.10	1473.49	1473.49	.00
654.90	659.61	3.836	32.78	1473.68	1473.67	-.01
659.97	664.72	4.012	32.22	1473.79	1473.80	.01
665.04	669.82	4.071	32.05	1473.90	1473.91	.01
670.10	674.92	4.110	31.95	1474.02	1474.03	.01
675.15	680.01	4.071	31.99	1473.98	1473.97	-.01
680.20	685.10	4.071	32.01	1474.09	1474.08	-.01
685.25	690.18	4.120	31.84	1474.17	1474.18	.01
689.79	694.75	4.100	31.91	1474.24	1474.23	-.01
694.82	699.82	4.178	31.76	1474.47	1474.48	.01
699.85	704.89	4.042	32.06	1474.35	1474.35	.00
704.88	709.95	3.993	32.27	1474.50	1474.50	-.01
709.90	715.01	4.022	32.10	1474.50	1474.51	.00
714.91	720.06	4.012	32.14	1474.58	1474.57	-.00
719.92	725.11	3.973	32.05	1474.39	1474.40	.01
724.93	730.15	3.983	32.13	1474.62	1474.60	-.01
729.93	735.18	3.973	32.12	1474.65	1474.66	.00
734.92	740.21	4.266	29.85	1473.04	1473.05	.01
739.91	745.24	4.217	29.95	1473.04	1473.03	-.01
744.89	750.26	4.198	30.01	1473.12	1473.11	-.01
749.87	755.27	4.247	29.78	1473.12	1473.13	.01
754.84	760.28	4.247	29.71	1473.12	1473.12	.00
759.81	765.28	4.208	29.81	1473.15	1473.14	-.01
764.78	770.28	4.208	29.80	1473.23	1473.24	.01
770.23	775.77	4.315	29.35	1473.19	1473.20	.01
775.18	780.76	4.208	29.62	1473.15	1473.15	.00
780.13	785.74	4.266	29.47	1473.30	1473.31	.01
785.07	790.72	4.208	29.61	1473.30	1473.30	.00
790.01	795.69	4.491	28.64	1473.34	1473.35	.01
794.94	800.66	4.198	29.57	1473.38	1473.37	-.01
799.86	805.62	4.100	29.83	1473.38	1473.37	-.01
804.78	810.58	4.110	29.72	1473.38	1473.38	.00
810.19	816.02	4.168	29.64	1473.60	1473.61	.01
815.10	820.97	4.002	30.01	1473.45	1473.44	-.01
820.00	825.91	3.895	30.48	1473.68	1473.68	.00
824.90	830.84	4.110	29.81	1473.83	1473.83	.00
829.80	835.77	4.071	29.95	1473.90	1473.90	.00
835.18	841.19	4.110	29.80	1473.98	1473.99	.01
840.06	846.11	4.090	29.84	1474.02	1474.01	-.01
844.94	851.02	4.032	29.97	1474.02	1474.01	-.01
849.81	855.93	4.071	29.91	1474.20	1474.20	.00
855.16	861.32	4.110	29.86	1474.39	1474.39	.00
860.03	866.22	4.022	30.13	1474.43	1474.42	.00
864.88	871.11	4.012	30.00	1474.32	1474.32	.00
870.22	876.49	4.032	29.98	1474.47	1474.47	.00

XSVT PROBE #000552

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.904	31.96	1502.90	1502.91	.01
10.26	10.34	14.864	32.24	1503.17	1503.17	.00
14.82	14.92	14.825	32.41	1503.33	1503.32	-.01
19.94	20.08	14.894	32.21	1503.41	1503.41	.01
25.06	25.24	14.864	32.30	1503.49	1503.48	.00
30.17	30.39	14.806	32.32	1503.41	1503.41	.00
35.28	35.53	13.722	32.13	1499.75	1499.76	.01
39.81	40.10	11.026	32.55	1491.11	1491.10	-.01
44.92	45.24	10.469	32.70	1489.39	1489.38	.00
50.01	50.37	9.902	32.67	1487.40	1487.41	.01
55.10	55.50	9.170	32.58	1484.70	1484.70	.00
60.19	60.62	8.564	32.79	1482.76	1482.76	-.01
65.28	65.75	8.281	32.65	1481.62	1481.62	.00
69.79	70.29	8.085	32.81	1481.13	1481.13	.00
74.87	75.41	7.900	32.75	1480.45	1480.46	.01
79.94	80.51	7.744	32.53	1479.66	1479.67	.01
85.01	85.62	7.783	32.00	1479.24	1479.24	.00
90.07	90.72	7.636	31.63	1478.30	1478.30	.00
95.13	95.81	7.431	32.03	1478.07	1478.07	-.01
100.18	100.90	7.431	31.53	1477.55	1477.55	.00
105.23	105.99	7.118	31.97	1476.94	1476.94	.00
110.28	111.07	6.982	32.15	1476.72	1476.72	.00
114.76	115.59	6.904	32.24	1476.61	1476.60	-.01
119.80	120.66	6.825	32.36	1476.53	1476.52	-.01
124.83	125.73	6.816	32.35	1476.57	1476.58	.01
129.86	130.80	6.737	32.48	1476.49	1476.49	.00
134.89	135.86	6.650	32.66	1476.46	1476.45	.00
139.91	140.92	6.640	32.68	1476.53	1476.52	-.01
144.93	145.97	6.611	32.71	1476.53	1476.53	.00
149.94	151.02	6.669	32.54	1476.64	1476.65	.01
154.95	156.06	6.464	33.16	1476.68	1476.68	.00
159.95	161.11	7.060	31.24	1476.72	1476.72	.00
164.95	166.14	6.747	32.14	1476.68	1476.68	-.01
169.95	171.17	6.659	32.41	1476.76	1476.75	-.01
174.94	176.20	6.474	32.81	1476.61	1476.60	.00
179.93	181.23	6.464	32.67	1476.49	1476.49	.00
184.91	186.24	6.298	32.93	1476.23	1476.22	-.01
189.89	191.26	6.161	33.30	1476.23	1476.22	-.01
194.87	196.27	6.142	33.14	1476.04	1476.05	.01
199.84	201.28	6.103	32.99	1475.78	1475.79	.01
204.81	206.28	6.054	33.03	1475.70	1475.70	.00
209.77	211.28	5.946	33.16	1475.52	1475.51	.00
214.73	216.27	5.810	33.40	1475.37	1475.35	-.01
220.23	221.82	5.702	33.53	1475.18	1475.17	.00
225.18	226.80	5.663	33.43	1474.99	1475.00	.01
230.12	231.78	5.497	33.67	1474.69	1474.69	.00
235.07	236.76	5.507	33.50	1474.62	1474.62	.00
240.00	241.73	5.468	33.57	1474.62	1474.61	-.01
244.93	246.70	5.497	33.32	1474.50	1474.51	.01
249.86	251.66	5.389	33.58	1474.47	1474.46	-.01
254.79	256.62	5.350	33.45	1474.24	1474.24	.00
260.25	262.13	5.341	33.35	1474.17	1474.17	.00
265.17	267.08	5.263	33.43	1474.02	1474.01	-.01
270.08	272.02	5.233	33.34	1473.87	1473.88	.01
274.99	276.97	5.155	33.36	1473.64	1473.64	.00

279.89	281.90	5.106	33.35	1473.53	1473.53	.01
284.79	286.84	5.126	33.25	1473.57	1473.57	.00
290.23	292.31	5.048	33.44	1473.57	1473.56	-.01
295.11	297.24	4.921	33.61	1473.34	1473.33	-.01
300.00	302.16	4.911	33.51	1473.27	1473.27	.00
304.88	307.08	4.950	33.32	1473.27	1473.27	.00
309.76	311.99	4.872	33.58	1473.34	1473.33	-.01
315.17	317.44	4.891	33.41	1473.30	1473.31	.00
320.04	322.34	4.794	33.67	1473.30	1473.30	-.01
324.90	327.24	4.784	33.57	1473.23	1473.23	.00
329.76	332.14	4.637	33.88	1473.08	1473.08	.00
335.16	337.57	4.686	33.67	1473.12	1473.12	.01
340.01	342.46	4.608	33.75	1472.97	1472.96	-.01
344.85	347.34	4.598	33.81	1473.08	1473.07	-.01
350.23	352.76	4.735	33.26	1473.04	1473.05	.01
355.07	357.63	4.657	33.49	1473.08	1473.08	.00
359.91	362.50	4.549	33.77	1473.08	1473.07	-.01
364.73	367.36	4.540	33.73	1473.08	1473.08	.00
370.09	372.75	4.501	33.77	1473.04	1473.04	-.01
374.92	377.61	4.745	33.00	1473.15	1473.16	.01
380.27	383.00	5.302	31.10	1473.12	1473.12	.00
385.08	387.85	5.243	31.27	1473.15	1473.15	-.01
389.88	392.69	4.862	32.41	1473.12	1473.11	.00
395.22	398.07	4.755	32.71	1473.15	1473.14	-.01
400.02	402.90	4.696	32.84	1473.15	1473.14	-.01
404.81	407.73	4.628	33.03	1473.19	1473.18	-.01
410.13	413.09	4.530	33.25	1473.15	1473.15	-.01
414.92	417.91	4.442	33.53	1473.23	1473.22	-.01
420.23	423.26	4.618	32.89	1473.23	1473.24	.01
425.01	428.07	4.403	33.59	1473.30	1473.30	.00
429.78	432.87	4.354	33.63	1473.23	1473.23	.00
435.08	438.21	4.305	33.78	1473.30	1473.30	.00
439.84	443.01	4.286	33.77	1473.30	1473.31	.01
445.13	448.33	4.266	33.76	1473.30	1473.30	.00
449.88	453.12	4.266	33.77	1473.38	1473.37	-.01
455.16	458.44	4.237	33.97	1473.60	1473.59	-.01
459.90	463.22	4.217	33.82	1473.42	1473.42	.00
465.17	468.52	4.178	33.92	1473.45	1473.45	-.01
469.91	473.29	4.139	33.93	1473.38	1473.38	.00
475.17	478.59	4.168	33.84	1473.49	1473.49	.00
479.89	483.35	4.188	33.87	1473.68	1473.67	-.01
485.14	488.63	4.139	34.05	1473.79	1473.78	-.01
489.86	493.39	4.110	34.18	1473.90	1473.90	.00
495.10	498.66	4.237	33.69	1473.90	1473.92	.01
499.81	503.41	4.168	33.92	1473.98	1473.97	.00
505.04	508.67	4.139	34.03	1474.09	1474.08	-.01
510.26	513.93	4.208	33.99	1474.43	1474.43	.00
514.96	518.66	4.217	33.96	1474.50	1474.50	.00
520.17	523.91	4.178	33.91	1474.35	1474.36	.01
524.86	528.63	4.383	33.18	1474.35	1474.36	.00
530.06	533.88	4.266	33.62	1474.50	1474.50	-.01
535.26	539.11	4.364	33.34	1474.65	1474.65	.00
539.93	543.82	4.247	33.56	1474.50	1474.50	.00
545.12	549.04	4.305	33.20	1474.39	1474.39	.00
549.78	553.74	4.208	33.64	1474.62	1474.60	-.01
554.96	558.96	4.120	33.89	1474.65	1474.64	-.01
560.13	564.17	4.198	33.56	1474.65	1474.65	.00
564.79	568.85	4.178	33.70	1474.80	1474.80	.00
569.95	574.05	4.198	33.55	1474.80	1474.80	.00
575.11	579.25	4.139	33.78	1474.92	1474.91	.00
579.74	583.92	4.110	33.81	1474.92	1474.91	-.01
584.89	589.10	4.129	33.62	1474.84	1474.85	.01
590.04	594.28	4.139	33.79	1475.18	1475.17	-.01
595.17	599.46	4.071	33.95	1475.18	1475.18	.00
599.79	604.11	3.963	34.18	1475.10	1475.10	-.01
604.92	609.28	4.168	33.29	1474.92	1474.92	.00

610.04	614.44	4.022	33.65	1474.84	1474.83	-.01
615.16	619.59	3.954	33.87	1474.92	1474.91	.00
619.76	624.22	4.002	33.73	1475.03	1475.04	.01
624.87	629.37	3.944	33.95	1475.14	1475.13	-.01
629.97	634.51	3.983	33.78	1475.18	1475.19	.01
635.07	639.64	3.924	33.91	1475.18	1475.17	-.01
640.16	644.77	3.905	33.90	1475.18	1475.18	.01
645.25	649.89	3.924	33.96	1475.40	1475.40	.00
649.82	654.50	3.885	34.06	1475.44	1475.44	.00
654.90	659.61	3.895	33.92	1475.40	1475.41	.01
659.97	664.72	3.807	34.18	1475.44	1475.43	-.01
665.04	669.82	3.827	34.13	1475.55	1475.56	.01
670.10	674.92	3.856	34.06	1475.67	1475.68	.01
675.15	680.01	3.846	34.05	1475.70	1475.71	.00
680.20	685.10	3.758	34.34	1475.78	1475.77	-.01
685.25	690.18	3.836	33.96	1475.70	1475.71	.01
689.79	694.75	3.788	34.15	1475.82	1475.81	-.01
694.82	699.82	3.768	34.14	1475.82	1475.82	.00
699.85	704.89	3.827	33.97	1475.93	1475.93	.00
704.88	709.95	3.739	34.21	1475.93	1475.93	.00
709.90	715.01	3.758	34.23	1476.12	1476.12	.00
714.91	720.06	3.739	34.25	1476.15	1476.14	-.01
719.92	725.11	3.788	34.05	1476.19	1476.20	.01
724.93	730.15	3.768	34.23	1476.42	1476.41	-.01
729.93	735.18	3.797	34.04	1476.38	1476.39	.01
734.92	740.21	3.768	34.11	1476.42	1476.42	.00
739.91	745.24	3.680	34.39	1476.49	1476.49	.00
744.89	750.26	3.719	34.22	1476.53	1476.54	.01
749.87	755.27	3.690	34.23	1476.49	1476.49	.00
754.84	760.28	3.748	34.02	1476.57	1476.57	.00
759.81	765.28	3.719	34.15	1476.68	1476.67	-.01
764.78	770.28	3.680	34.25	1476.72	1476.72	.00
770.23	775.77	3.641	34.30	1476.72	1476.71	-.01
775.18	780.76	3.582	34.43	1476.72	1476.71	-.01
780.13	785.74	3.670	34.16	1476.83	1476.84	.01
785.07	790.72	3.602	34.24	1476.72	1476.71	-.01
790.01	795.69	3.670	34.21	1477.06	1477.07	.01
794.94	800.66	3.631	34.28	1477.06	1477.05	-.01
799.86	805.62	3.573	34.41	1477.06	1477.05	.00
804.78	810.58	3.592	34.30	1477.09	1477.10	.00
810.19	816.02	3.602	34.33	1477.25	1477.24	.00
815.10	820.97	3.573	34.36	1477.25	1477.24	-.01
820.00	825.91	3.563	34.32	1477.25	1477.25	.01
824.90	830.84	3.553	34.26	1477.21	1477.21	.01
829.80	835.77	3.475	34.49	1477.25	1477.24	-.01
835.18	841.19	3.582	34.24	1477.47	1477.48	.01
840.06	846.11	3.504	34.50	1477.55	1477.54	.00
844.94	851.02	3.455	34.57	1477.51	1477.51	.00
849.81	855.93	3.475	34.37	1477.43	1477.44	.00
855.16	861.32	3.475	34.30	1477.43	1477.44	.00
860.03	866.22	3.465	34.27	1477.43	1477.44	.00
864.88	871.11	3.455	34.37	1477.58	1477.58	-.01
870.22	876.49	3.387	34.53	1477.58	1477.58	.00

XSVT PROBE #000553

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEC C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.884	32.02	1502.90	1502.89	-.01
10.26	10.34	14.825	32.25	1503.06	1503.06	.00
14.82	14.92	14.767	32.47	1503.21	1503.20	-.01
19.94	20.08	14.816	32.39	1503.37	1503.37	.01
25.06	25.24	14.825	32.29	1503.37	1503.37	.00
30.17	30.39	14.806	32.42	1503.52	1503.52	.00
35.28	35.53	14.308	32.34	1501.93	1501.93	.00
39.81	40.10	11.289	32.39	1491.84	1491.84	-.01
44.92	45.24	10.479	32.80	1489.54	1489.54	.00
50.01	50.37	9.941	32.68	1487.55	1487.56	.01
55.10	55.50	9.072	32.38	1484.09	1484.09	.00
60.19	60.62	8.320	33.20	1482.34	1482.34	.00
65.28	65.75	8.203	32.86	1481.59	1481.59	.00
69.79	70.29	7.998	32.95	1480.98	1480.97	-.01
74.87	75.41	7.861	32.97	1480.56	1480.56	-.01
79.94	80.51	7.753	32.80	1480.04	1480.04	.00
85.01	85.62	7.470	32.89	1479.13	1479.12	-.01
90.07	90.72	7.226	32.85	1478.22	1478.24	.01
95.13	95.81	7.099	32.97	1477.96	1477.95	-.01
100.18	100.90	6.962	32.96	1477.51	1477.51	.00
105.23	105.99	6.845	33.03	1477.21	1477.20	-.01
110.28	111.07	6.659	33.13	1476.68	1476.68	.00
114.76	115.59	6.571	33.26	1476.57	1476.57	.00
119.80	120.66	6.523	33.28	1476.49	1476.49	-.01
124.83	125.73	6.513	33.24	1476.49	1476.50	.01
129.86	130.80	6.444	33.25	1476.30	1476.30	.00
134.89	135.86	6.396	33.42	1476.42	1476.41	-.01
139.91	140.92	6.376	33.41	1476.42	1476.42	.00
144.93	145.97	6.308	33.63	1476.49	1476.49	-.01
149.94	151.02	6.278	33.72	1476.57	1476.56	-.01
154.95	156.06	6.230	33.87	1476.64	1476.64	.00
159.95	161.11	6.239	33.76	1476.64	1476.65	.00
164.95	166.14	6.269	33.63	1476.68	1476.68	.00
169.95	171.17	6.151	33.86	1476.57	1476.56	-.01
174.94	176.20	6.151	33.78	1476.57	1476.57	.00
179.93	181.23	6.083	33.85	1476.46	1476.44	-.01
184.91	186.24	5.985	34.04	1476.38	1476.37	-.01
189.89	191.26	5.976	33.85	1476.19	1476.21	.01
194.87	196.27	5.927	33.95	1476.19	1476.19	.00
199.84	201.28	5.897	33.76	1475.93	1475.94	.01
204.81	206.28	5.702	34.17	1475.74	1475.73	-.01
209.77	211.28	5.731	33.95	1475.67	1475.68	.01
214.73	216.27	5.663	34.08	1475.63	1475.62	.00
220.23	221.82	5.575	35.56	1477.25	1477.24	-.01
225.18	226.80	5.497	34.05	1475.10	1475.11	.01
230.12	231.78	5.429	33.96	1474.80	1474.81	.00
235.07	236.75	5.399	33.70	1474.43	1474.44	.01
240.00	241.73	5.399	33.76	1474.58	1474.57	-.01
244.93	246.70	5.302	33.92	1474.47	1474.46	-.01
249.86	251.66	5.302	33.82	1474.43	1474.44	.01
254.79	256.62	5.194	34.02	1474.32	1474.31	-.01
260.25	262.13	5.116	34.11	1474.20	1474.19	-.01
265.17	267.08	5.098	34.01	1474.09	1474.09	.00
270.08	272.02	5.077	33.98	1474.05	1474.06	.00
274.99	276.97	4.950	34.01	1473.64	1473.63	-.01

279.89	281.90	4.930	33.94	1473.57	1473.57	.00
284.79	286.84	4.872	34.02	1473.49	1473.49	-.01
290.23	292.31	4.833	34.08	1473.49	1473.49	.00
295.11	297.24	4.842	33.89	1473.38	1473.39	.01
300.00	302.16	4.755	34.02	1473.27	1473.25	-.01
304.88	307.08	4.706	34.12	1473.27	1473.26	-.01
309.76	311.99	4.716	33.96	1473.19	1473.20	.01
315.17	317.44	4.686	34.02	1473.23	1473.22	-.01
320.04	322.34	4.628	34.12	1473.19	1473.19	.00
324.90	327.24	4.667	33.86	1473.12	1473.12	.00
329.76	332.14	4.647	33.87	1473.12	1473.11	-.01
335.16	337.57	4.549	34.12	1473.12	1473.11	-.01
340.01	342.46	4.569	33.92	1473.04	1473.04	.00
344.85	347.34	4.510	34.01	1472.97	1472.97	.00
350.23	352.76	4.393	34.37	1473.04	1473.03	-.01
355.07	357.63	4.510	33.98	1473.12	1473.12	.00
359.91	362.50	4.510	33.89	1473.08	1473.09	.01
364.73	367.36	4.422	33.98	1472.89	1472.89	.00
370.09	372.76	4.432	33.92	1472.97	1472.97	.00
374.92	377.61	4.383	34.12	1473.08	1473.07	.00
380.27	383.00	4.374	34.07	1473.08	1473.09	.01
385.08	387.85	4.383	33.92	1473.00	1473.01	.01
389.88	392.69	4.315	34.18	1473.12	1473.12	.00
395.22	398.07	4.383	33.85	1473.08	1473.09	.01
400.02	402.90	4.422	33.66	1473.08	1473.08	.00
404.81	407.73	4.393	33.70	1473.08	1473.07	-.01
410.13	413.09	4.364	33.79	1473.15	1473.15	.00
414.92	417.91	4.335	33.85	1473.19	1473.19	-.01
420.23	423.26	4.335	33.77	1473.19	1473.20	.00
425.01	428.07	4.198	34.19	1473.23	1473.22	-.01
429.78	432.87	4.266	33.87	1473.19	1473.19	.00
435.08	438.21	4.295	33.80	1473.30	1473.31	.01
439.84	443.01	4.256	33.87	1473.30	1473.29	-.01
445.13	448.33	4.217	33.88	1473.23	1473.23	.00
449.88	453.12	4.178	34.03	1473.34	1473.34	.00
455.16	458.44	4.149	34.08	1473.38	1473.37	-.01
459.90	463.22	4.168	33.95	1473.38	1473.38	.00
465.17	468.52	4.139	33.96	1473.34	1473.34	-.01
469.91	473.29	4.432	32.97	1473.38	1473.39	.01
475.17	478.59	4.247	33.54	1473.42	1473.41	-.01
479.89	483.35	4.256	33.57	1473.57	1473.56	.00
485.14	488.63	4.247	33.59	1473.64	1473.64	.00
489.86	493.39	4.217	33.71	1473.75	1473.75	-.01
495.10	498.66	4.237	33.72	1473.94	1473.93	-.01
499.81	503.41	4.295	33.52	1474.02	1474.02	.00
505.04	508.67	4.188	33.90	1474.13	1474.12	-.01
510.26	513.93	4.217	33.92	1474.35	1474.35	.00
514.96	518.66	4.159	33.86	1474.13	1474.13	.01
520.17	523.91	4.129	33.99	1474.24	1474.24	.00
524.86	528.63	4.198	33.72	1474.28	1474.28	.00
530.06	533.88	4.100	33.93	1474.20	1474.20	.00
535.26	539.11	4.139	33.72	1474.20	1474.21	.00
539.93	543.82	4.090	33.89	1474.28	1474.27	-.01
545.12	549.04	4.051	34.01	1474.35	1474.35	-.01
549.78	553.74	4.120	33.83	1474.50	1474.51	.00
554.96	558.96	4.061	34.08	1474.65	1474.64	-.01
560.13	564.17	4.042	34.01	1474.58	1474.58	.00
564.79	568.85	4.090	33.85	1474.65	1474.65	.00
569.95	574.05	4.090	33.79	1474.65	1474.66	.01
575.11	579.25	4.051	33.86	1474.65	1474.65	-.01
579.74	583.91	5.673	*****	1474.77	1475.06	-.01
584.89	589.10	4.422	32.70	1474.88	1474.87	-.01
590.04	594.28	4.149	33.32	1474.62	1474.61	-.01
595.17	599.45	6.044	*****	1474.92	1476.14	-.01
599.79	604.11	4.618	31.90	1474.92	1474.93	.01
604.92	609.28	4.237	33.22	1475.10	1475.09	-.01

610.04	614.44	4.188	33.38	1475.18	1475.18	.00
615.16	619.59	4.100	33.27	1474.77	1474.78	.01
619.76	624.22	4.139	33.22	1474.95	1474.95	.00
624.87	629.37	4.129	33.23	1474.99	1474.98	-.01
629.97	634.51	4.081	33.41	1475.10	1475.10	-.01
635.07	639.64	3.983	33.69	1475.14	1475.13	-.01
640.16	644.77	3.963	33.68	1475.14	1475.14	.00
645.25	649.89	3.963	33.65	1475.18	1475.19	.01
649.82	654.50	3.885	33.91	1475.25	1475.25	-.01
654.90	659.61	3.924	33.80	1475.37	1475.38	.01
659.97	664.72	3.924	33.76	1475.40	1475.41	.01
665.04	669.82	3.895	33.80	1475.40	1475.40	-.01
670.10	674.92	3.905	33.85	1475.59	1475.59	.00
675.15	680.01	3.836	33.98	1475.55	1475.55	-.01
680.20	685.10	3.915	33.68	1475.59	1475.60	.01
685.25	690.18	3.817	34.00	1475.67	1475.66	-.01
689.79	694.75	3.885	33.74	1475.70	1475.71	.01
694.82	699.82	3.827	33.84	1475.67	1475.65	-.01
699.85	704.89	3.797	33.97	1475.78	1475.78	.00
704.88	709.95	3.924	33.48	1475.78	1475.79	.01
709.90	715.01	3.866	33.73	1475.93	1475.92	.00
714.91	720.06	3.836	33.79	1475.97	1475.96	-.01
719.92	725.11	3.856	33.74	1476.08	1476.09	.01
724.93	730.15	3.846	33.78	1476.15	1476.15	.00
729.93	735.18	3.866	33.72	1476.27	1476.27	.00
734.92	740.21	3.875	33.73	1476.38	1476.38	-.01
739.91	745.24	3.827	33.85	1476.42	1476.41	-.01
744.89	750.26	3.709	34.17	1476.42	1476.41	-.01
749.87	755.27	3.788	33.87	1476.46	1476.46	.01
754.84	760.28	3.748	33.95	1476.46	1476.45	.00
759.81	765.28	3.709	34.16	1476.64	1476.64	.00
764.78	770.28	3.817	33.64	1476.53	1476.53	.00
770.23	775.77	3.680	34.12	1476.64	1476.64	.00
775.18	780.76	3.719	33.97	1476.72	1476.72	.00
780.13	785.74	3.719	33.91	1476.72	1476.72	.00
785.07	790.72	3.680	33.99	1476.72	1476.72	.00
790.01	795.69	3.602	34.24	1476.79	1476.79	.00
794.94	800.66	3.670	34.09	1476.98	1476.99	.01
799.86	805.62	3.700	33.90	1476.94	1476.96	.01
804.78	810.58	3.709	33.86	1477.02	1477.02	.00
810.19	816.02	3.670	34.05	1477.17	1477.17	.00
815.10	820.97	3.670	33.97	1477.17	1477.17	.00
820.00	825.91	3.621	34.14	1477.25	1477.24	-.01
824.90	830.84	3.670	33.91	1477.25	1477.26	.01
829.80	835.77	3.553	34.32	1477.36	1477.35	-.01
835.18	841.19	3.719	33.73	1477.40	1477.40	.01
840.06	846.11	3.573	34.10	1477.32	1477.32	.00
844.94	851.02	3.495	34.38	1477.43	1477.43	.00
849.81	855.93	3.651	33.80	1477.43	1477.45	.01
855.16	861.32	3.543	34.15	1477.51	1477.50	.00
860.03	866.22	3.504	34.19	1477.47	1477.47	.00
864.88	871.11	3.553	34.01	1477.55	1477.55	.01
870.22	876.49	3.485	34.20	1477.58	1477.57	-.01

XSVT PROBE #000554

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.845	32.20	1502.98	1502.98	.00
10.26	10.34	15.411	30.70	1503.13	1503.14	.01
14.82	14.92	15.558	30.36	1503.29	1503.29	.00
19.94	20.08	15.206	31.36	1503.41	1503.40	-.01
25.06	25.24	14.972	31.97	1503.45	1503.44	.00
30.17	30.39	14.864	32.26	1503.52	1503.52	.00
35.28	35.53	13.663	31.73	1499.09	1499.10	.00
39.81	40.10	11.338	32.25	1491.84	1491.84	.00
44.92	45.24	10.654	32.56	1489.89	1489.88	-.01
50.01	50.37	10.078	32.59	1487.94	1487.93	-.01
55.10	55.50	9.629	32.48	1486.26	1486.27	.01
60.19	60.62	8.632	32.61	1482.80	1482.79	-.01
65.28	65.75	8.291	32.76	1481.78	1481.77	.00
69.79	70.29	8.193	32.74	1481.47	1481.48	.00
74.87	75.41	7.929	33.04	1480.91	1480.90	.00
79.94	80.51	7.832	32.77	1480.30	1480.31	.00
85.01	85.62	7.578	32.86	1479.51	1479.50	-.01
90.07	90.72	7.314	32.98	1478.71	1478.71	.00
95.13	95.81	7.187	32.90	1478.22	1478.23	.01
100.18	100.90	7.050	32.94	1477.81	1477.80	-.01
105.23	105.99	6.894	33.09	1477.47	1477.47	-.01
110.28	111.07	6.689	33.21	1476.91	1476.90	-.01
114.76	115.59	6.650	33.22	1476.83	1476.83	.00
119.80	120.66	6.640	33.05	1476.68	1476.68	.00
124.83	125.73	6.503	33.43	1476.68	1476.68	.00
129.86	130.80	6.513	33.20	1476.53	1476.54	.00
134.89	135.86	6.552	32.92	1476.42	1476.42	.00
139.91	140.92	6.493	33.14	1476.53	1476.52	-.01
144.93	145.97	6.454	33.35	1476.72	1476.71	-.01
149.94	151.02	6.405	33.41	1476.68	1476.68	-.01
154.95	156.06	6.376	33.47	1476.72	1476.72	.00
159.95	161.11	6.366	33.42	1476.72	1476.72	.00
164.95	166.14	6.337	33.49	1476.76	1476.75	.00
169.95	171.17	6.239	33.70	1476.72	1476.71	-.01
174.94	176.20	6.171	33.88	1476.76	1476.75	-.01
179.93	181.23	6.151	33.81	1476.68	1476.69	.01
184.91	186.24	6.083	33.85	1476.53	1476.52	-.01
189.89	191.26	6.005	33.91	1476.38	1476.37	-.01
194.87	196.27	5.995	33.81	1476.30	1476.31	.01
199.84	201.28	5.966	33.88	1476.34	1476.34	.00
204.81	206.28	5.917	33.78	1476.12	1476.13	.01
209.77	211.28	5.810	33.83	1475.82	1475.82	.00
214.73	216.27	5.692	34.11	1475.78	1475.78	.00
220.23	221.82	5.634	33.94	1475.44	1475.45	.00
225.18	226.80	5.604	33.95	1475.40	1475.39	-.01
230.12	231.78	5.487	34.08	1475.18	1475.17	-.01
235.07	236.76	5.419	34.02	1474.92	1474.92	.01
240.00	241.73	5.370	33.96	1474.73	1474.73	.00
244.93	246.70	5.263	34.13	1474.58	1474.57	-.01
249.86	251.66	5.263	34.03	1474.54	1474.55	.01
254.79	256.62	5.253	33.91	1474.43	1474.43	.01
260.25	262.13	5.145	34.08	1474.28	1474.27	.00
265.17	267.08	5.136	34.06	1474.32	1474.32	.00
270.08	272.02	5.087	34.04	1474.17	1474.17	.01
274.99	276.97	4.940	34.16	1473.79	1473.78	-.01

279.89	281.90	4.862	34.17	1473.57	1473.56	-.01
284.79	286.84	4.872	34.07	1473.57	1473.57	.01
290.23	292.31	4.813	34.17	1473.53	1473.52	.00
295.11	297.24	4.803	34.04	1473.42	1473.42	.01
300.00	302.16	4.745	34.14	1473.38	1473.37	-.01
304.88	307.08	4.745	34.10	1473.42	1473.42	.00
309.76	311.99	4.676	34.18	1473.30	1473.29	-.01
315.17	317.44	4.618	34.30	1473.30	1473.30	-.01
320.04	322.34	4.608	34.26	1473.30	1473.31	.01
324.90	327.24	4.637	34.13	1473.34	1473.34	.00
329.76	332.14	4.549	34.16	1473.08	1473.07	-.01
335.16	337.57	4.598	34.01	1473.19	1473.20	.01
340.01	342.46	4.540	34.09	1473.12	1473.11	.00
344.85	347.34	4.452	34.34	1473.15	1473.15	.00
350.23	352.76	4.481	34.17	1473.15	1473.17	.01
355.07	357.63	4.422	34.33	1473.19	1473.18	-.01
359.91	362.50	4.432	34.14	1473.08	1473.08	.00
364.73	367.36	4.452	33.96	1473.00	1473.01	.01
370.09	372.76	4.432	34.05	1473.12	1473.11	-.01
374.92	377.61	4.383	34.24	1473.23	1473.23	.00
380.27	383.00	4.305	34.51	1473.34	1473.34	.00
385.08	387.85	4.325	34.28	1473.23	1473.23	.00
389.88	392.69	4.325	34.19	1473.19	1473.20	.00
395.22	398.07	4.227	34.51	1473.27	1473.26	-.01
400.02	402.90	4.335	34.03	1473.19	1473.20	.01
404.81	407.73	4.305	34.11	1473.23	1473.23	.00
410.13	413.09	4.256	34.25	1473.30	1473.29	-.01
414.92	417.91	4.227	34.35	1473.38	1473.38	.00
420.23	423.26	4.198	34.37	1473.38	1473.37	-.01
425.01	428.07	4.227	34.21	1473.38	1473.39	.01
429.78	432.87	4.237	34.11	1473.38	1473.38	.00
435.08	438.21	4.198	34.18	1473.38	1473.37	-.01
439.84	443.01	4.149	34.31	1473.42	1473.41	-.01
445.13	448.33	4.071	34.52	1473.45	1473.44	-.01
449.88	453.12	4.139	34.23	1473.45	1473.46	.00
455.16	458.44	4.159	34.16	1473.53	1473.54	.01
459.90	463.22	4.129	34.18	1473.49	1473.49	.00
465.17	468.52	4.081	34.35	1473.60	1473.60	-.01
469.91	473.29	4.042	34.45	1473.64	1473.64	.00
475.17	478.59	4.051	34.34	1473.64	1473.65	.01
479.89	483.35	4.090	34.21	1473.72	1473.72	.00
485.14	488.63	4.100	34.27	1473.90	1473.90	.00
489.86	493.39	4.071	34.30	1473.90	1473.89	-.01
495.10	498.66	2.869	38.53	1474.39	1474.39	.00
499.81	503.41	4.120	34.24	1474.20	1474.21	.01
505.04	508.67	4.217	33.83	1474.17	1474.17	.01
510.26	513.93	4.149	34.08	1474.28	1474.27	.00
514.95	518.66	7.050	*****	1474.58	1479.80	.00
520.17	523.91	4.168	34.09	1474.54	1474.53	-.01
524.86	528.63	4.051	34.27	1474.35	1474.35	.00
530.06	533.88	4.042	34.22	1474.35	1474.36	.00
535.26	539.11	4.100	34.05	1474.47	1474.47	.00
539.93	543.81	5.966	*****	1474.47	1475.84	.00
545.12	549.04	4.022	34.25	1474.54	1474.53	-.01
549.78	553.74	4.032	34.21	1474.62	1474.63	.01
554.96	558.96	4.100	33.92	1474.62	1474.62	.01
560.13	564.17	4.071	34.04	1474.73	1474.72	-.01
564.79	568.85	4.354	33.03	1474.69	1474.70	.01
569.95	574.05	4.374	33.05	1474.88	1474.87	-.01
575.11	579.25	4.002	34.32	1474.92	1474.91	-.01
579.74	583.92	3.954	34.32	1474.92	1474.91	-.01
584.89	589.10	4.022	34.14	1475.07	1475.07	.01
590.04	594.28	4.012	34.08	1475.03	1475.04	.01
595.17	599.46	4.022	33.92	1474.95	1474.96	.01
599.79	604.11	4.051	33.77	1474.95	1474.96	.01
604.92	609.28	3.915	34.33	1475.18	1475.17	-.01

610.04	614.44	3.993	33.85	1474.99	1474.99	.00
615.16	619.59	3.934	34.05	1475.07	1475.06	.00
619.76	624.22	3.973	33.88	1475.10	1475.11	.00
624.87	629.37	3.934	34.07	1475.25	1475.25	-.01
629.97	634.51	3.963	33.96	1475.33	1475.34	.01
635.07	639.64	3.993	33.77	1475.29	1475.30	.01
640.16	644.77	3.885	34.15	1475.40	1475.40	-.01
645.25	649.89	3.866	34.14	1475.40	1475.41	.01
649.82	654.49	3.983	*****	1469.46	1469.54	.01
654.90	659.61	4.315	32.18	1474.92	1474.91	-.01
659.97	664.72	4.012	33.40	1475.29	1475.29	.00
665.04	669.82	3.885	33.74	1475.29	1475.28	-.01
670.10	674.92	3.836	33.99	1475.48	1475.48	.00
675.15	680.01	3.827	33.88	1475.40	1475.41	.00
680.20	685.10	3.719	34.38	1475.67	1475.65	-.01
685.25	690.18	3.856	33.83	1475.63	1475.63	.00
689.79	694.75	3.661	34.45	1475.67	1475.66	-.01
694.82	699.82	3.280	35.66	1475.70	1475.70	-.01
699.85	704.89	3.407	35.17	1475.70	1475.71	.00
704.88	709.95	3.690	34.24	1475.78	1475.78	.01
709.90	715.01	3.182	35.96	1475.93	1475.92	-.01
714.91	720.06	3.055	36.29	1475.89	1475.89	.00
719.92	725.11	3.055	36.24	1475.93	1475.93	.00
724.93	730.15	3.094	36.14	1476.04	1476.05	.01
729.93	735.18	3.094	36.20	1476.19	1476.19	-.01
734.92	740.21	3.201	35.92	1476.38	1476.39	.00
739.91	745.24	3.045	36.23	1476.19	1476.18	-.01
744.89	750.26	3.084	36.12	1476.30	1476.31	.01
749.87	755.27	3.074	36.16	1476.38	1476.38	.00
754.84	760.28	3.143	36.06	1476.64	1476.65	.01
759.81	765.28	3.094	36.08	1476.53	1476.52	-.01
764.78	770.28	3.133	35.91	1476.57	1476.58	.01
770.23	775.77	3.133	35.94	1476.68	1476.68	.00
775.18	780.76	3.153	35.77	1476.64	1476.65	.01
780.13	785.74	3.162	35.76	1476.76	1476.76	.00
785.07	790.72	3.358	35.06	1476.76	1476.77	.01
790.01	795.69	3.133	35.37	1476.27	1476.27	.00
794.94	800.66	3.162	35.61	1476.79	1476.78	-.01
799.86	805.62	3.319	35.11	1476.91	1476.91	.00
804.78	810.58	3.338	35.14	1477.09	1477.08	-.01
810.19	816.02	3.299	35.20	1477.09	1477.09	-.01
815.10	820.97	3.270	35.32	1477.21	1477.20	-.01
820.00	825.91	3.299	35.07	1477.09	1477.11	.01
824.90	830.84	3.289	35.19	1477.28	1477.27	-.01
829.80	835.77	3.319	34.99	1477.25	1477.25	.00
835.18	841.19	2.488	37.75	1477.36	1477.35	-.01
840.06	846.11	2.752	36.75	1477.28	1477.29	.00
844.94	851.02	2.821	36.52	1477.36	1477.36	.00
849.81	855.93	2.977	35.98	1477.40	1477.41	.01
855.16	861.32	2.781	36.56	1477.40	1477.39	-.01
860.03	866.22	2.840	36.32	1477.43	1477.43	.00
864.88	871.11	2.772	36.53	1477.47	1477.47	.00
870.22	876.49	2.742	36.64	1477.58	1477.57	-.01

XSVT PROBE #000555

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.650	*****	1405.35	1496.30	.00
10.26	10.33	14.737	*****	1405.35	1496.67	.00
14.81	14.92	14.757	*****	1405.35	1496.81	.00
19.93	20.08	14.767	*****	1405.35	1496.93	.00
25.05	25.23	14.777	*****	1405.35	1497.04	.00
30.16	30.38	14.698	*****	1405.35	1496.87	.00
35.27	35.53	14.249	*****	1405.35	1495.47	.00
39.81	40.10	11.817	*****	1405.35	1487.25	.00
44.91	45.23	10.791	*****	1405.35	1483.67	.00
50.01	50.37	10.303	*****	1405.35	1481.98	.00
55.10	55.50	9.629	*****	1405.35	1479.58	.00
60.19	60.62	8.623	*****	1405.35	1475.87	.00
65.27	65.74	8.291	*****	1405.35	1474.68	.00

XSVT PROBE #000556

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.689	*****	1405.35	1496.43	.00
10.26	10.33	14.718	*****	1405.35	1496.61	.00
14.81	14.92	14.679	*****	1405.35	1496.55	.00
19.93	20.08	14.747	*****	1405.35	1496.86	.00
25.05	25.23	14.718	*****	1405.35	1496.85	.00
30.16	30.38	14.640	*****	1405.35	1496.68	.00
35.27	35.53	14.396	*****	1405.35	1495.96	.00
39.81	40.10	11.788	*****	1405.35	1487.15	.00
44.91	45.23	10.840	*****	1405.35	1483.85	.00
50.01	50.37	10.020	*****	1405.35	1480.94	.00

XSVT PROBE #000557

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.864	32.04	1502.86	1502.85	-.01
10.26	10.34	14.845	32.19	1503.06	1503.05	-.01
14.82	14.92	14.845	32.23	1503.17	1503.17	.00
19.94	20.08	14.816	32.33	1503.29	1503.28	-.01
25.06	25.24	14.806	32.36	1503.37	1503.37	.00
30.17	30.39	14.796	32.38	1503.45	1503.44	.00
35.28	35.53	14.728	32.39	1503.33	1503.32	-.01
39.81	40.10	14.142	32.11	1501.19	1501.19	.00
44.92	45.24	11.446	32.34	1492.42	1492.41	-.01
50.01	50.37	10.830	32.58	1490.61	1490.61	.00
55.10	55.50	9.961	32.59	1487.59	1487.59	-.01
60.19	60.62	9.482	32.71	1486.07	1486.07	.00
65.28	65.75	8.701	32.89	1483.48	1483.48	-.01
69.79	70.29	8.418	32.64	1482.19	1482.20	.01
74.87	75.41	8.115	32.83	1481.36	1481.35	-.01
79.94	80.51	7.949	32.81	1480.79	1480.80	.01
85.01	85.62	7.724	32.93	1480.15	1480.15	.00
90.07	90.72	7.509	33.01	1479.51	1479.50	.00
95.13	95.81	7.304	33.03	1478.83	1478.82	-.01
100.18	100.90	7.158	32.89	1478.19	1478.19	.00
105.23	105.99	7.040	32.97	1477.89	1477.89	.00
110.28	111.07	6.835	33.12	1477.36	1477.35	.00
114.76	115.59	6.737	33.28	1477.25	1477.24	.00
119.80	120.66	6.659	33.17	1476.91	1476.91	.00
124.83	125.73	6.601	33.14	1476.72	1476.72	.01
129.86	130.80	6.484	33.30	1476.53	1476.52	-.01
134.89	135.86	6.405	33.43	1476.46	1476.45	.00
139.91	140.92	6.396	33.41	1476.49	1476.50	.01
144.93	145.97	6.337	33.60	1476.57	1476.56	.00
149.94	151.02	6.288	33.72	1476.61	1476.60	.00
154.95	156.06	6.347	33.52	1476.68	1476.69	.01
159.95	161.11	6.278	33.68	1476.68	1476.68	-.01
164.95	166.14	6.210	33.89	1476.76	1476.75	.00
169.95	171.17	6.259	33.75	1476.87	1476.88	.01
174.94	176.20	6.190	33.85	1476.79	1476.79	-.01
179.93	181.23	6.122	33.88	1476.64	1476.64	-.01
184.91	186.24	6.093	33.91	1476.64	1476.64	.00
189.89	191.26	5.995	34.00	1476.46	1476.44	-.01
194.87	196.27	5.956	33.93	1476.30	1476.31	.00
199.84	201.28	5.917	34.06	1476.38	1476.37	-.01
204.81	206.28	5.878	33.93	1476.15	1476.16	.00
209.77	211.28	5.800	33.95	1475.93	1475.93	.00
214.73	216.27	5.722	33.94	1475.70	1475.71	.01
220.23	221.82	5.604	34.11	1475.52	1475.51	.00
225.18	226.80	5.595	33.97	1475.40	1475.41	.00
230.12	231.78	5.487	34.14	1475.25	1475.24	-.01
235.07	236.76	5.468	33.95	1475.03	1475.03	.00
240.00	241.73	5.360	34.15	1474.92	1474.90	-.01
244.93	246.70	5.331	34.18	1474.92	1474.91	-.01
249.86	251.66	5.360	33.81	1474.65	1474.66	.01
254.79	256.62	5.243	34.10	1474.62	1474.61	-.01
260.25	262.13	5.136	34.11	1474.28	1474.28	.00
265.17	267.08	5.194	33.88	1474.32	1474.33	.01
270.08	272.02	5.126	33.95	1474.20	1474.19	-.01
274.99	276.97	5.028	34.12	1474.09	1474.09	.00

279.89	281.90	4.989	34.02	1473.90	1473.91	.01
284.79	286.84	4.901	34.07	1473.68	1473.67	-.01
290.23	292.31	4.862	34.03	1473.57	1473.57	.01
295.11	297.24	4.823	34.04	1473.49	1473.48	-.01
300.00	302.16	4.774	34.14	1473.49	1473.49	-.01
304.88	307.08	4.794	34.06	1473.57	1473.57	.01
309.76	311.99	4.784	34.00	1473.53	1473.53	.00
315.17	317.44	4.745	34.07	1473.53	1473.53	.00
320.04	322.34	4.686	34.17	1473.49	1473.49	.00
324.90	327.24	4.628	34.20	1473.38	1473.37	-.01
329.76	332.14	4.667	33.92	1473.27	1473.28	.01
335.16	337.57	4.618	34.04	1473.30	1473.29	-.01
340.01	342.46	4.589	33.98	1473.19	1473.20	.01
344.85	347.34	4.520	37.32	1477.25	1477.24	.00
350.23	352.76	4.569	33.85	1473.12	1473.12	.00
355.07	357.63	4.481	34.11	1473.15	1473.14	-.01
359.91	362.50	4.422	34.13	1473.00	1473.00	.00
364.73	367.36	4.344	34.38	1473.08	1473.08	.00
370.09	372.76	4.413	34.04	1473.04	1473.04	.00
374.92	377.61	4.422	34.01	1473.12	1473.12	.00
380.27	383.00	4.354	34.26	1473.23	1473.22	-.01
385.08	387.85	4.393	34.06	1473.23	1473.23	.00
389.88	392.69	4.315	34.23	1473.19	1473.18	-.01
395.22	398.07	4.305	34.26	1473.27	1473.26	.00
400.02	402.90	4.413	33.87	1473.30	1473.32	.01
404.81	407.73	4.305	34.16	1473.30	1473.29	-.01
410.13	413.09	4.344	33.93	1473.27	1473.27	.01
414.92	417.91	4.305	34.06	1473.34	1473.33	-.01
420.23	423.26	4.295	34.05	1473.38	1473.39	.01
425.01	428.07	4.256	34.30	1473.60	1473.60	.00
429.78	432.87	4.256	34.11	1473.45	1473.46	.01
435.08	438.21	4.276	34.01	1473.49	1473.50	.01
439.84	443.01	4.227	34.11	1473.49	1473.48	-.01
445.13	448.33	4.237	33.97	1473.45	1473.45	.00
449.88	453.12	4.168	34.18	1473.49	1473.49	.00
455.16	458.44	4.178	34.10	1473.53	1473.54	.01
459.90	463.22	4.139	34.17	1473.53	1473.52	-.01
465.17	468.52	4.178	34.00	1473.57	1473.58	.01
469.91	473.29	4.139	34.10	1473.60	1473.59	-.01
475.17	478.59	4.090	34.19	1473.60	1473.59	-.01
479.89	483.35	4.139	34.11	1473.79	1473.80	.01
485.14	488.63	4.139	34.14	1473.90	1473.90	-.01
489.86	493.39	4.110	34.20	1473.94	1473.93	-.01
495.10	498.66	4.139	34.18	1474.13	1474.14	.01
499.81	503.41	4.159	34.27	1474.39	1474.39	.00
505.04	508.67	4.198	34.06	1474.39	1474.39	.00
510.26	513.93	4.100	34.18	1474.20	1474.20	-.01
514.96	518.66	4.129	34.16	1474.39	1474.40	.00
520.17	523.91	4.110	34.17	1474.39	1474.39	.00
524.86	528.63	4.081	34.16	1474.35	1474.36	.00
530.06	533.88	4.012	34.36	1474.39	1474.39	.00
535.26	539.11	4.042	34.18	1474.39	1474.39	.00
539.93	543.82	4.061	34.12	1474.47	1474.47	.00
545.12	549.04	4.090	33.96	1474.47	1474.47	.01
549.78	553.74	4.002	34.23	1474.50	1474.50	.00
554.96	558.96	4.002	34.21	1474.58	1474.59	.01
560.13	564.17	3.963	34.31	1474.62	1474.61	.00
564.79	568.85	4.002	34.20	1474.73	1474.74	.01
569.95	574.05	3.983	34.26	1474.80	1474.79	-.01
575.11	579.25	3.924	34.39	1474.80	1474.80	.00
579.74	583.92	4.002	34.07	1474.80	1474.81	.01
584.89	589.10	3.934	34.32	1474.92	1474.91	-.01
590.04	594.28	3.954	34.27	1475.03	1475.04	.01
595.17	599.46	3.924	34.21	1474.92	1474.92	.01
599.79	604.11	3.885	34.35	1474.99	1474.99	.00
604.92	609.28	3.915	34.29	1475.14	1475.15	.01

610.04	614.44	3.856	34.34	1475.03	1475.02	-.01
615.16	619.59	3.905	34.16	1475.10	1475.11	.00
619.76	624.22	3.885	34.24	1475.18	1475.18	.00
624.87	629.37	3.856	34.14	1475.03	1475.04	.01
629.97	634.51	3.875	34.13	1475.18	1475.19	.01
635.07	639.64	3.856	34.25	1475.33	1475.32	-.01
640.16	644.77	3.856	34.21	1475.37	1475.38	.01
645.25	649.89	3.827	34.27	1475.40	1475.39	-.01
649.82	654.50	3.807	34.49	1475.67	1475.67	.00
654.90	659.61	3.758	34.39	1475.44	1475.44	.00
659.97	664.72	3.748	34.49	1475.59	1475.59	-.01
665.04	669.82	3.748	34.42	1475.59	1475.60	.01
670.10	674.92	3.846	34.09	1475.67	1475.67	.01
675.15	680.01	3.748	34.38	1475.70	1475.69	-.01
680.20	685.10	3.778	34.30	1475.82	1475.83	.01
685.25	690.18	3.748	34.31	1475.78	1475.77	-.01
689.79	694.75	3.807	34.17	1475.93	1475.94	.01
694.82	699.82	3.709	34.43	1475.93	1475.92	-.01
699.85	704.89	3.739	34.29	1475.97	1475.97	.01
704.88	709.95	3.651	34.58	1476.04	1476.03	-.01
709.90	715.01	3.670	34.50	1476.12	1476.12	.00
714.91	720.06	3.661	34.54	1476.19	1476.19	.00
719.92	725.11	3.739	34.30	1476.30	1476.32	.01
724.93	730.15	3.700	34.37	1476.30	1476.30	.00
729.93	735.18	3.719	34.23	1476.30	1476.31	.00
734.92	740.21	3.651	34.46	1476.38	1476.37	-.01
739.91	745.24	3.612	34.52	1476.38	1476.37	-.01
744.89	750.26	3.661	34.44	1476.57	1476.58	.01
749.87	755.27	3.690	34.42	1476.76	1476.76	.00
754.84	760.28	3.709	34.27	1476.72	1476.73	.01
759.81	765.28	3.778	34.07	1476.83	1476.84	.01
764.78	770.28	3.641	34.55	1476.94	1476.94	.00
770.23	775.77	3.651	34.49	1477.02	1477.02	.00
775.18	780.76	3.661	34.58	1477.25	1477.24	-.01
780.13	785.74	3.641	34.43	1477.06	1477.07	.01
785.07	790.72	3.582	34.54	1477.02	1477.01	.00
790.01	795.69	3.563	34.57	1477.06	1477.05	.00
794.94	800.66	3.573	34.37	1476.94	1476.95	.00
799.86	805.62	3.563	34.59	1477.25	1477.24	.00
804.78	810.58	3.514	34.56	1477.09	1477.10	.01
810.19	816.02	3.543	34.51	1477.25	1477.25	.01
815.10	820.97	3.592	34.37	1477.36	1477.36	.00
820.00	825.91	3.553	34.51	1477.43	1477.43	.00
824.90	830.84	3.524	34.57	1477.47	1477.47	.00
829.80	835.77	3.514	34.68	1477.66	1477.65	-.01
835.18	841.19	3.563	34.39	1477.58	1477.59	.01
840.06	846.11	3.504	34.70	1477.81	1477.80	-.01
844.94	851.02	3.553	34.47	1477.81	1477.82	.01
849.81	855.93	3.495	34.55	1477.73	1477.73	.00
855.16	861.32	3.485	34.53	1477.77	1477.78	.00
860.02	866.21	3.333	*****	1405.35	1439.75	.00
864.88	871.11	3.333	*****	1405.35	1436.36	.00
870.22	876.48	3.333	*****	1405.35	1436.45	.00

XSVT PROBE #000558

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.747	32.57	1503.10	1503.09	.00
10.26	10.34	14.884	32.24	1503.25	1503.26	.01
14.82	14.92	14.864	32.34	1503.37	1503.36	-.01
19.94	20.08	14.835	32.48	1503.52	1503.52	-.01
25.06	25.24	14.835	32.47	1503.60	1503.61	.01
30.17	30.39	14.737	32.67	1503.60	1503.59	-.01
35.28	35.53	14.542	32.63	1503.02	1503.03	.01
39.81	40.10	12.217	32.82	1495.57	1495.57	-.01
44.92	45.24	11.026	32.93	1491.65	1491.64	-.01
50.01	50.37	10.576	31.64	1488.59	1488.59	.01
55.10	55.50	9.785	32.90	1487.33	1487.32	.00
60.19	60.62	9.238	*****	1405.35	1479.30	.00
65.27	65.74	8.632	*****	1405.35	1475.99	.00
69.79	70.29	8.291	*****	1405.35	1474.76	.00
74.86	75.40	8.046	*****	1405.35	1473.89	.00
79.93	80.51	7.802	*****	1405.35	1473.03	.00
85.00	85.61	7.675	*****	1405.35	1472.62	.00
90.06	90.71	7.333	*****	1405.35	1471.36	.00
95.12	95.81	7.167	*****	1405.35	1470.79	.00
100.18	100.90	7.060	*****	1405.35	1470.45	.00
105.23	105.98	6.884	*****	1405.35	1469.83	.00
110.27	111.07	6.747	*****	1405.35	1469.37	.00
114.76	115.58	6.689	*****	1405.35	1469.21	.00
119.79	120.66	6.581	*****	1405.35	1468.86	.00
124.83	125.73	6.513	*****	1405.35	1468.67	.00
129.86	130.79	6.474	*****	1405.35	1468.59	.00
134.88	135.85	6.405	*****	1405.35	1468.40	.00
139.90	140.91	6.366	*****	1405.35	1468.32	.00
144.92	145.97	6.337	*****	1405.35	1468.29	.00
149.93	151.01	6.269	*****	1405.35	1468.09	.00
154.94	156.06	6.269	*****	1405.35	1468.18	.00
159.95	161.10	6.269	*****	1405.35	1468.26	.00
164.95	166.14	6.230	*****	1405.35	1468.18	.00
169.94	171.17	6.230	*****	1405.35	1468.26	.00
174.94	176.20	6.161	*****	1405.35	1468.07	.00
179.92	181.22	6.122	*****	1405.35	1467.99	.00
184.91	186.24	6.063	*****	1405.35	1467.83	.00
189.89	191.25	5.956	*****	1405.35	1467.48	.00
194.86	196.27	5.888	*****	1405.35	1467.28	.00

XSVT PROBE #000559

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.904	31.89	1502.82	1502.83	.00
10.26	10.34	14.884	32.08	1503.06	1503.05	-.01
14.82	14.92	14.913	31.93	1503.06	1503.06	.01
19.94	20.08	14.972	31.79	1503.17	1503.17	.00
25.06	25.24	14.952	31.92	1503.33	1503.32	-.01
30.17	30.39	14.796	32.31	1503.37	1503.36	-.01
35.28	35.53	14.659	32.42	1503.13	1503.13	.00
39.81	40.10	12.589	32.00	1495.88	1495.89	.00
44.92	45.24	11.055	32.59	1491.34	1491.34	-.01
50.01	50.37	10.557	32.65	1489.73	1489.72	-.01
55.10	55.50	9.756	32.60	1486.87	1486.88	.01
60.19	60.62	9.043	32.63	1484.36	1484.35	-.01
65.28	65.75	8.613	32.62	1482.84	1482.84	.00
69.79	70.29	8.320	32.67	1481.85	1481.85	-.01
74.87	75.41	8.125	32.64	1481.17	1481.18	.01
79.94	80.51	7.832	32.87	1480.41	1480.40	-.01
85.01	85.62	7.636	32.73	1479.58	1479.59	.00
90.07	90.72	7.392	32.69	1478.68	1478.68	.00
95.13	95.81	7.226	32.63	1478.04	1478.04	.01
100.18	100.90	7.128	32.82	1477.96	1477.96	.00
105.23	105.99	6.884	32.91	1477.21	1477.20	-.01
110.28	111.07	6.845	32.84	1477.06	1477.07	.01
114.76	115.59	6.747	33.06	1477.02	1477.01	-.01
119.80	120.66	6.630	33.07	1476.64	1476.64	.00
124.83	125.73	6.552	33.09	1476.46	1476.44	-.01
129.86	130.80	6.484	33.15	1476.34	1476.33	-.01
134.89	135.86	6.444	33.18	1476.30	1476.29	-.01
139.91	140.92	6.415	33.27	1476.38	1476.38	-.01
144.93	145.97	6.366	33.39	1476.42	1476.41	.00
149.94	151.02	6.386	33.31	1476.49	1476.50	.01
154.95	156.06	6.327	33.50	1476.57	1476.56	-.01
159.95	161.11	6.366	33.36	1476.64	1476.65	.00
164.95	166.14	6.308	33.52	1476.68	1476.68	-.01
169.95	171.17	6.317	33.42	1476.68	1476.69	.01
174.94	176.20	6.269	33.51	1476.68	1476.67	-.01
179.93	181.23	6.132	33.85	1476.64	1476.64	-.01
184.91	186.24	6.122	33.69	1476.49	1476.50	.01
189.89	191.26	6.063	33.73	1476.38	1476.38	-.01
194.87	196.27	6.044	33.65	1476.30	1476.31	.00
199.84	201.28	5.937	33.94	1476.30	1476.30	.00
204.81	206.28	5.927	33.78	1476.15	1476.17	.01
209.77	211.28	5.829	33.80	1475.85	1475.85	.00
214.73	216.27	5.702	33.87	1475.52	1475.51	.00
220.23	221.82	5.712	33.81	1475.59	1475.59	.00
225.18	226.80	5.624	33.83	1475.33	1475.32	-.01
230.12	231.78	5.516	33.80	1474.95	1474.95	.00
235.07	236.76	5.497	33.77	1474.92	1474.92	.01
240.00	241.73	5.389	33.91	1474.73	1474.72	-.01
244.93	246.70	5.409	33.78	1474.73	1474.74	.01
249.86	251.66	5.360	33.82	1474.65	1474.65	-.01
254.79	256.62	5.253	33.89	1474.39	1474.38	-.01
260.25	262.13	5.233	33.70	1474.17	1474.17	.01
265.17	267.08	5.204	33.74	1474.17	1474.16	.00
270.08	272.02	5.136	34.63	1475.10	1475.10	.00
274.99	276.97	5.126	33.76	1474.05	1474.06	.00

279.89	281.90	5.028	33.79	1473.75	1473.75	.00
284.79	286.84	4.950	33.70	1473.42	1473.42	.01
290.23	292.31	4.833	33.96	1473.34	1473.34	.00
295.11	297.24	4.862	33.76	1473.30	1473.31	.00
300.00	302.16	4.803	34.02	1473.45	1473.45	.00
304.88	307.08	4.803	33.89	1473.38	1473.39	.01
309.76	311.99	4.813	33.79	1473.38	1473.38	.01
315.17	317.44	4.735	33.95	1473.34	1473.33	-.01
320.04	322.34	4.716	33.80	1473.15	1473.17	.01
324.90	327.24	4.686	33.71	1473.00	1473.01	.00
329.76	332.14	4.637	33.76	1472.93	1472.92	-.01
335.16	337.57	4.598	33.90	1473.04	1473.03	-.01
340.01	342.46	4.501	34.07	1472.93	1472.93	.00
344.85	347.34	4.569	33.89	1473.08	1473.08	.00
350.23	352.76	4.540	33.77	1472.89	1472.90	.00
355.07	357.63	4.540	33.71	1472.89	1472.90	.01
359.91	362.50	4.510	33.75	1472.89	1472.88	-.01
364.73	367.36	4.501	33.71	1472.89	1472.90	.00
370.09	372.76	4.403	34.00	1472.93	1472.92	.00
374.92	377.61	4.403	34.05	1473.08	1473.07	-.01
380.27	383.00	4.413	33.91	1473.04	1473.04	.00
385.08	387.85	4.471	33.69	1473.08	1473.08	.00
389.88	392.69	4.383	33.96	1473.12	1473.12	.00
395.22	398.07	4.413	33.81	1473.15	1473.16	.01
400.02	402.90	4.442	33.71	1473.23	1473.23	.00
404.81	407.73	4.432	33.65	1473.19	1473.19	.00
410.13	413.09	4.325	33.88	1473.12	1473.10	-.01
414.92	417.91	4.325	33.84	1473.15	1473.16	.00
420.23	423.26	4.315	33.85	1473.19	1473.19	.00
425.01	428.07	4.276	33.94	1473.23	1473.22	-.01
429.78	432.87	4.247	33.97	1473.23	1473.22	-.01
435.08	438.21	4.256	33.87	1473.23	1473.24	.01
439.84	443.01	4.256	33.78	1473.19	1473.20	.01
445.13	448.33	4.178	34.09	1473.34	1473.34	-.01
449.88	453.12	4.198	33.95	1473.34	1473.34	.00
455.16	458.44	4.159	34.02	1473.34	1473.33	-.01
459.90	463.22	4.178	33.89	1473.34	1473.35	.01
465.17	468.52	4.208	33.75	1473.38	1473.38	.00
469.91	473.29	4.129	33.99	1473.42	1473.41	-.01
475.17	478.59	4.110	34.16	1473.64	1473.64	.00
479.89	483.35	4.129	34.03	1473.64	1473.65	.01
485.14	488.63	4.159	33.98	1473.79	1473.80	.01
489.86	493.39	4.178	33.89	1473.83	1473.84	.01
495.10	498.66	4.188	34.06	1474.17	1474.16	-.01
499.81	503.41	4.178	34.02	1474.17	1474.17	.00
505.04	508.67	4.120	34.00	1473.98	1473.99	.01
510.26	513.93	4.110	34.09	1474.13	1474.12	.00
514.96	518.66	4.090	34.00	1474.02	1474.03	.01
520.17	523.91	4.081	34.03	1474.09	1474.09	.00
524.86	528.63	4.081	34.02	1474.17	1474.18	.01
530.06	533.88	4.061	33.98	1474.13	1474.13	.00
535.26	539.11	4.061	34.04	1474.28	1474.26	-.01
539.93	543.82	4.042	33.98	1474.20	1474.21	.01
545.12	549.04	4.042	34.01	1474.32	1474.31	-.01
549.78	553.74	3.993	34.14	1474.35	1474.35	.00
554.96	558.96	4.071	33.87	1474.43	1474.44	.01
560.13	564.17	4.051	33.91	1474.47	1474.47	.00
564.79	568.85	4.002	34.03	1474.50	1474.49	-.01
569.95	574.05	4.022	34.01	1474.65	1474.66	.01
575.11	579.25	4.012	33.98	1474.65	1474.66	.01
579.74	583.92	4.022	33.91	1474.69	1474.69	.00
584.89	589.10	3.963	34.17	1474.84	1474.84	.00
590.04	594.28	3.963	34.12	1474.88	1474.88	.01
595.17	599.46	3.934	34.09	1474.80	1474.81	.01
599.79	604.11	3.983	33.96	1474.92	1474.92	.01
604.92	609.28	3.944	34.06	1474.95	1474.95	-.01

610.04	614.44	3.934	33.99	1474.92	1474.93	.01
615.16	619.59	3.895	34.06	1474.92	1474.91	-.01
619.76	624.22	3.836	34.19	1474.92	1474.91	-.01
624.87	629.37	3.866	33.99	1474.88	1474.88	.01
629.97	634.51	3.915	33.82	1474.95	1474.95	.00
635.07	639.64	3.905	33.95	1475.14	1475.14	.00
640.16	644.77	3.846	34.10	1475.18	1475.17	-.01
645.25	649.89	3.827	34.09	1475.18	1475.18	.01
649.82	654.50	3.856	33.55	1477.25	1477.24	-.01
654.90	659.61	3.797	34.15	1475.29	1475.30	.00
659.97	664.72	3.836	34.02	1475.37	1475.37	.01
665.04	669.82	3.788	34.15	1475.40	1475.40	.00
670.10	674.92	3.797	34.07	1475.44	1475.44	.00
675.15	680.01	3.768	34.11	1475.44	1475.43	-.01
680.20	685.10	3.846	33.93	1475.63	1475.63	.01
685.25	690.18	3.748	34.25	1475.70	1475.69	-.01
689.79	694.75	3.788	34.11	1475.78	1475.78	.00
694.82	699.82	3.709	34.26	1475.70	1475.70	.00
699.85	704.89	3.807	33.92	1475.78	1475.78	.00
704.88	709.95	3.739	34.12	1475.82	1475.81	-.01
709.90	715.01	3.758	34.10	1475.97	1475.97	.01
714.91	720.06	3.739	34.17	1476.04	1476.04	.00
719.92	725.11	3.758	34.09	1476.12	1476.13	.01
724.93	730.15	3.709	34.17	1476.08	1476.08	.00
729.93	735.18	3.739	34.08	1476.19	1476.20	.01
734.92	740.21	3.641	34.32	1476.15	1476.15	.00
739.91	745.24	3.719	34.05	1476.23	1476.24	.01
744.89	750.26	3.651	34.36	1476.42	1476.41	-.01
749.87	755.27	3.739	34.12	1476.57	1476.58	.01
754.84	760.28	3.690	34.25	1476.61	1476.60	-.01
759.81	765.28	3.709	34.18	1476.68	1476.69	.01
764.78	770.28	3.758	33.95	1476.68	1476.69	.00
770.23	775.77	3.709	34.17	1476.83	1476.83	.00
775.18	780.76	3.651	34.26	1476.79	1476.78	-.01
780.13	785.74	3.661	34.25	1476.91	1476.92	.01
785.07	790.72	3.602	34.33	1476.83	1476.83	.00
790.01	795.69	3.680	34.00	1476.83	1476.84	.01
794.94	800.66	3.602	34.17	1476.79	1476.78	-.01
799.86	805.62	3.680	33.90	1476.87	1476.87	.00
804.78	810.58	3.592	34.11	1476.83	1476.83	.00
810.19	816.02	3.592	34.21	1477.06	1477.05	-.01
815.10	820.97	3.631	34.07	1477.13	1477.14	.00
820.00	825.91	3.592	34.29	1477.32	1477.31	-.01
824.90	830.84	3.563	34.26	1477.25	1477.26	.01
829.80	835.77	3.553	34.35	1477.40	1477.39	-.01
835.18	841.19	3.514	34.41	1477.40	1477.39	-.01
840.06	846.11	3.553	34.24	1477.43	1477.44	.01
844.94	851.02	3.582	34.11	1477.47	1477.47	.00
849.81	855.93	3.553	34.18	1477.51	1477.50	-.01
855.16	861.32	3.485	34.40	1477.58	1477.58	.00
860.03	866.22	3.465	34.30	1477.47	1477.47	.00
864.88	871.11	3.495	34.23	1477.58	1477.59	.01
870.22	876.49	3.465	34.33	1477.66	1477.66	.00

XSVT PROBE #000560

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.737	32.36	1502.82	1502.82	-.01
10.26	10.34	14.728	32.45	1502.98	1502.98	.00
14.82	14.92	14.757	32.39	1503.10	1503.10	.00
19.94	20.08	14.679	32.61	1503.17	1503.17	-.01
25.06	25.24	14.620	32.83	1503.33	1503.32	-.01
30.17	30.39	14.679	32.56	1503.29	1503.30	.01
35.28	35.53	14.415	32.45	1502.39	1502.40	.01
39.81	40.10	11.504	32.39	1492.61	1492.61	.00
44.92	45.24	10.713	32.83	1490.42	1490.41	-.01
50.01	50.37	9.990	32.86	1487.94	1487.94	.00
55.10	55.50	9.414	32.72	1485.76	1485.77	.01
60.19	60.62	8.750	32.93	1483.63	1483.63	-.01
65.28	65.75	8.310	32.81	1481.93	1481.93	.00
69.79	70.29	8.173	32.87	1481.55	1481.54	-.01
74.87	75.41	7.919	32.78	1480.56	1480.57	.00
79.94	80.51	7.685	32.99	1480.00	1479.99	-.01
85.01	85.62	7.499	32.85	1479.21	1479.21	.00
90.07	90.72	7.294	32.82	1478.45	1478.46	.01
95.13	95.81	7.158	32.94	1478.15	1478.14	-.01
100.18	100.90	6.972	33.09	1477.70	1477.69	-.01
105.23	105.99	6.747	33.28	1477.13	1477.13	.00
110.28	111.07	6.737	33.14	1477.02	1477.02	.00
114.76	115.59	6.611	33.25	1476.72	1476.71	-.01
119.80	120.66	6.581	33.18	1476.61	1476.61	.01
124.83	125.73	6.415	33.49	1476.42	1476.41	-.01
129.86	130.80	6.396	33.33	1476.23	1476.24	.01
134.89	135.86	6.366	33.46	1476.34	1476.34	.00
139.91	140.92	6.278	33.70	1476.38	1476.37	-.01
144.93	145.97	6.347	33.44	1476.42	1476.43	.01
149.94	151.02	6.249	33.75	1476.49	1476.49	-.01
154.95	156.06	6.269	33.70	1476.61	1476.61	.00
159.95	161.11	6.230	33.80	1476.64	1476.64	-.01
164.95	166.14	6.317	33.54	1476.76	1476.76	.01
169.95	171.17	6.239	33.70	1476.72	1476.71	-.01
174.94	176.20	6.181	33.85	1476.76	1476.75	-.01
179.93	181.23	6.142	33.84	1476.68	1476.69	.01
184.91	186.24	6.015	34.18	1476.68	1476.67	-.01
189.89	191.26	6.034	33.96	1476.57	1476.58	.01
194.87	196.27	5.985	33.93	1476.42	1476.42	.01
199.84	201.28	5.907	34.06	1476.34	1476.33	-.01
204.81	206.28	5.849	34.09	1476.23	1476.22	-.01
209.77	211.28	5.712	34.01	1475.67	1475.68	.01
214.73	216.27	5.731	33.76	1475.52	1475.52	.00
220.23	221.82	5.526	34.12	1475.22	1475.21	.00
225.18	226.80	5.556	33.98	1475.25	1475.26	.01
230.12	231.78	5.477	33.90	1474.92	1474.92	.01
235.07	236.76	5.429	34.09	1475.03	1475.03	.00
240.00	241.73	5.380	34.02	1474.84	1474.85	.01
244.93	246.70	5.341	34.15	1474.92	1474.91	-.01
249.86	251.66	5.263	34.19	1474.73	1474.72	.00
254.79	256.62	5.233	33.95	1474.39	1474.40	.01
260.25	262.13	5.106	34.23	1474.32	1474.31	-.01
265.17	267.08	5.096	34.10	1474.20	1474.21	.00
270.08	272.02	5.028	34.18	1474.09	1474.09	.00
274.99	276.97	4.969	34.06	1473.79	1473.80	.01

279.89	281.90	4.901	34.01	1473.53	1473.54	.01
284.79	286.84	4.852	34.03	1473.42	1473.42	.00
290.23	292.31	4.842	34.05	1473.49	1473.49	.00
295.11	297.24	4.803	34.01	1473.38	1473.38	.01
300.00	302.16	4.862	33.82	1473.45	1473.46	.01
304.88	307.08	4.716	34.18	1473.38	1473.38	.00
309.76	311.99	4.686	34.14	1473.30	1473.31	.01
315.17	317.44	4.667	34.10	1473.27	1473.27	.00
320.04	322.34	4.667	34.11	1473.34	1473.34	-.01
324.90	327.24	4.628	33.90	1473.00	1473.01	.01
329.76	332.14	4.569	34.04	1473.00	1473.00	.00
335.16	337.57	4.530	34.00	1472.89	1472.90	.01
340.01	342.46	4.510	34.04	1472.93	1472.93	.00
344.85	347.34	4.481	34.19	1473.08	1473.08	.00
350.23	352.76	4.471	34.14	1473.08	1473.09	.01
355.07	357.63	4.471	34.05	1473.04	1473.05	.01
359.91	362.50	4.510	33.92	1473.12	1473.12	.01
364.73	367.36	4.481	33.89	1473.04	1473.04	.00
370.09	372.76	4.374	34.18	1473.04	1473.04	-.01
374.92	377.61	4.403	34.10	1473.15	1473.16	.00
380.27	383.00	4.393	34.07	1473.15	1473.17	.01
385.08	387.85	4.344	34.14	1473.12	1473.11	-.01
389.88	392.69	4.354	34.07	1473.15	1473.16	.01
395.22	398.07	4.383	33.91	1473.15	1473.16	.01
400.02	402.90	4.335	34.04	1473.19	1473.18	-.01
404.81	407.73	4.295	34.08	1473.15	1473.15	-.01
410.13	413.09	4.295	34.00	1473.15	1473.16	.00
414.92	417.91	4.237	34.20	1473.23	1473.23	.00
420.23	423.26	4.276	34.05	1473.30	1473.31	.01
425.01	428.07	4.227	34.13	1473.27	1473.26	.00
429.78	432.87	4.217	34.12	1473.30	1473.31	.01
435.08	438.21	4.217	34.05	1473.30	1473.31	.00
439.84	443.01	4.266	33.83	1473.30	1473.31	.00
445.13	448.33	4.159	34.09	1473.27	1473.26	-.01
449.88	453.12	4.129	34.19	1473.34	1473.34	.00
455.16	458.44	4.071	34.37	1473.42	1473.41	.00
459.90	463.22	4.090	34.20	1473.38	1473.38	.00
465.17	468.52	4.159	33.91	1473.38	1473.38	.00
469.91	473.29	4.110	34.08	1473.45	1473.45	-.01
475.17	478.59	4.051	34.18	1473.42	1473.42	.00
479.89	483.35	4.100	34.19	1473.72	1473.71	.00
485.14	488.63	4.149	34.04	1473.83	1473.83	.01
489.86	493.39	4.061	34.33	1473.90	1473.89	-.01
495.10	498.66	4.168	34.08	1474.13	1474.13	.00
499.81	503.41	4.129	34.03	1473.98	1473.98	.00
505.04	508.67	4.061	34.17	1473.94	1473.94	-.01
510.26	513.93	4.120	33.99	1474.05	1474.06	.01
514.96	518.66	4.042	34.22	1474.09	1474.08	-.01
520.17	523.91	4.002	34.23	1474.02	1474.01	.00
524.86	528.63	3.993	34.25	1474.09	1474.08	-.01
530.06	533.88	4.032	34.11	1474.17	1474.17	.01
535.26	539.11	3.983	34.24	1474.20	1474.20	-.01
539.93	543.82	3.993	34.20	1474.28	1474.29	.01
545.12	549.04	4.042	34.06	1474.39	1474.40	.01
549.78	553.74	3.993	34.17	1474.39	1474.39	.00
554.96	558.96	3.973	34.20	1474.43	1474.43	.00
560.13	564.17	3.983	34.12	1474.47	1474.48	.01
564.79	568.85	3.895	34.41	1474.54	1474.53	-.01
569.95	574.05	3.983	34.14	1474.65	1474.66	.01
575.11	579.25	3.983	34.17	1474.77	1474.76	.00
579.74	583.92	3.934	34.30	1474.80	1474.80	.00
584.89	589.10	3.954	34.19	1474.84	1474.85	.01
590.04	594.28	3.924	34.29	1474.92	1474.91	.00
595.17	599.46	3.934	34.21	1474.95	1474.96	.01
599.79	604.11	3.944	34.09	1474.92	1474.93	.01
604.92	609.28	3.905	34.25	1475.03	1475.03	.00

610.04	614.44	3.885	34.21	1474.99	1475.00	.01
615.16	619.59	3.856	34.27	1475.03	1475.02	-.01
619.76	624.22	3.866	34.11	1474.95	1474.95	.00
624.87	629.37	3.827	34.21	1474.99	1474.98	-.01
629.97	634.51	3.739	34.44	1474.99	1474.99	.00
635.07	639.64	3.827	34.19	1475.14	1475.15	.01
640.16	644.77	3.817	34.23	1475.22	1475.21	.00
645.25	649.89	3.788	34.22	1475.18	1475.19	.01
649.82	654.50	3.807	34.18	1475.29	1475.29	.00
654.90	659.61	3.846	34.08	1475.40	1475.41	.01
659.97	664.72	3.797	34.24	1475.48	1475.47	-.01
665.04	669.82	3.768	34.27	1475.48	1475.47	-.01
670.10	674.92	3.788	34.19	1475.55	1475.56	.01
675.15	680.01	3.768	34.23	1475.59	1475.58	-.01
680.20	685.10	3.739	34.32	1475.67	1475.66	.00
685.25	690.18	3.768	34.18	1475.70	1475.71	.01
689.79	694.75	3.748	34.25	1475.78	1475.77	-.01
694.82	699.82	3.758	34.15	1475.78	1475.79	.01
699.85	704.89	3.651	34.47	1475.82	1475.81	-.01
704.88	709.95	3.719	34.26	1475.93	1475.93	.00
709.90	715.01	3.651	34.49	1476.00	1476.00	.00
714.91	720.06	3.680	34.38	1476.08	1476.09	.01
719.92	725.11	3.680	34.28	1476.04	1476.04	.00
724.93	730.15	3.661	34.35	1476.12	1476.11	-.01
729.93	735.18	3.690	34.24	1476.19	1476.20	.01
734.92	740.21	3.641	34.40	1476.27	1476.25	-.01
739.91	745.24	3.700	34.25	1476.42	1476.42	.00
744.89	750.26	3.700	34.26	1476.49	1476.49	-.01
749.87	755.27	3.680	34.41	1476.68	1476.68	.00
754.84	760.28	3.661	34.31	1476.57	1476.58	.01
759.81	765.28	3.641	34.38	1476.64	1476.64	.00
764.78	770.28	3.661	34.39	1476.83	1476.82	-.01
770.23	775.77	3.748	34.09	1476.91	1476.91	.01
775.18	780.76	3.700	34.19	1476.91	1476.90	-.01
780.13	785.74	3.670	34.07	1476.72	1476.72	.00
785.07	790.72	3.563	34.40	1476.76	1476.75	.00
790.01	795.69	3.582	34.38	1476.91	1476.92	.01
794.94	800.66	3.573	34.29	1476.83	1476.84	.01
799.86	805.62	3.543	34.39	1476.91	1476.90	-.01
804.78	810.58	3.524	34.42	1476.94	1476.94	.00
810.19	816.02	3.524	34.44	1477.06	1477.06	.00
815.10	820.97	3.504	34.53	1477.17	1477.17	.00
820.00	825.91	3.553	34.38	1477.28	1477.29	.01
824.90	830.84	3.602	34.13	1477.25	1477.25	.01
829.80	835.77	3.504	34.54	1477.43	1477.42	-.01
835.18	841.19	3.514	34.43	1477.43	1477.44	.01
840.06	846.11	3.446	34.63	1477.47	1477.46	-.01
844.94	851.02	3.524	34.30	1477.47	1477.47	.00
849.81	855.93	3.504	34.34	1477.51	1477.50	-.01
855.16	861.32	3.504	34.36	1477.62	1477.61	-.01
860.03	866.22	3.514	34.29	1477.66	1477.67	.01
864.88	871.11	3.416	34.59	1477.70	1477.70	.00
870.22	876.49	3.465	34.32	1477.66	1477.67	.01

XSVT PROBE #000561

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY o/oo	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.845	31.95	1502.71	1502.71	.00
10.26	10.34	14.806	32.23	1502.98	1502.97	-.01
14.82	14.92	14.816	32.20	1503.06	1503.07	.01
19.94	20.08	14.786	32.32	1503.17	1503.17	.00
25.06	25.24	14.757	32.42	1503.29	1503.28	-.01
30.17	30.39	14.142	32.05	1500.96	1500.96	.01
35.28	35.53	11.358	32.67	1492.34	1492.34	.00
39.81	40.10	10.830	32.58	1490.46	1490.47	.01
44.92	45.24	10.020	32.54	1487.59	1487.60	.00
50.01	50.37	9.600	32.64	1486.26	1486.25	-.01
55.10	55.50	8.945	32.58	1483.86	1483.86	.00
60.19	60.62	8.525	32.75	1482.57	1482.56	-.01
65.28	65.75	8.271	32.72	1481.66	1481.67	.01
69.79	70.29	8.046	32.67	1480.83	1480.83	.00
74.87	75.41	7.812	32.56	1479.88	1479.89	.00
79.94	80.51	7.538	32.96	1479.39	1479.39	-.01
85.01	85.62	7.421	32.76	1478.79	1478.80	.01
90.07	90.72	7.216	32.89	1478.22	1478.22	.00
95.13	95.81	7.118	32.91	1477.96	1477.95	-.01
100.18	100.90	6.913	32.95	1477.28	1477.28	.00
105.23	105.99	6.855	32.84	1477.02	1477.03	.01
110.28	111.07	6.698	33.19	1476.91	1476.91	.00
114.76	115.59	6.669	33.03	1476.68	1476.69	.01
119.80	120.66	6.591	33.16	1476.61	1476.60	.00
124.83	125.73	6.415	33.44	1476.34	1476.34	.00
129.86	130.80	6.425	33.21	1476.19	1476.20	.01
134.89	135.86	6.347	33.49	1476.30	1476.30	.00
139.91	140.92	6.415	33.20	1476.30	1476.31	.01
144.93	145.97	6.327	33.51	1476.42	1476.41	-.01
149.94	151.02	6.317	33.54	1476.49	1476.49	.00
154.95	156.06	6.308	33.49	1476.49	1476.50	.01
159.95	161.11	6.259	33.68	1476.61	1476.60	.00
164.95	166.14	6.249	33.71	1476.68	1476.68	.00
169.95	171.17	6.210	33.76	1476.68	1476.67	-.01
174.94	176.20	6.230	33.68	1476.76	1476.76	.00
179.93	181.23	6.161	33.79	1476.68	1476.68	.00
184.91	186.24	6.142	33.77	1476.68	1476.68	.00
189.89	191.26	6.142	33.59	1476.53	1476.54	.01
194.87	196.27	5.995	33.91	1476.42	1476.41	.00
199.84	201.28	5.888	34.09	1476.30	1476.29	-.01
204.81	206.28	5.917	33.93	1476.30	1476.31	.01
209.77	211.28	5.810	33.85	1475.85	1475.87	.01
214.73	216.27	5.643	34.08	1475.55	1475.54	-.01
220.23	221.82	5.634	33.79	1475.25	1475.26	.00
225.18	226.80	5.556	33.96	1475.22	1475.21	.00
230.12	231.78	5.536	33.92	1475.18	1475.19	.01
235.07	236.76	5.468	33.93	1474.99	1474.98	-.01
240.00	241.73	5.399	34.24	1475.18	1475.18	.00
244.93	246.70	5.409	33.83	1474.80	1474.80	.00
249.86	251.66	5.302	34.03	1474.69	1474.68	-.01
254.79	256.62	5.253	34.04	1474.58	1474.57	.00
260.25	262.13	5.223	33.88	1474.35	1474.36	.01
265.17	267.08	5.175	34.01	1474.39	1474.39	.00
270.08	272.02	5.077	34.08	1474.17	1474.16	-.01
274.99	276.97	4.999	34.09	1473.94	1473.93	-.01

279.89	281.90	4.960	33.94	1473.68	1473.69	.01
284.79	286.84	4.882	33.96	1473.45	1473.45	.00
290.23	292.31	4.862	33.88	1473.38	1473.38	.00
295.11	297.24	4.794	34.08	1473.42	1473.41	-.01
300.00	302.16	4.833	33.91	1473.45	1473.46	.01
304.88	307.08	4.784	33.96	1473.38	1473.38	.00
309.76	311.99	4.774	33.86	1473.30	1473.31	.01
315.17	317.44	4.774	33.82	1473.34	1473.35	.01
320.04	322.34	4.618	34.15	1473.19	1473.18	-.01
324.90	327.24	4.618	34.05	1473.15	1473.16	.01
329.76	332.14	4.589	34.02	1473.08	1473.08	.00
335.16	337.57	4.569	34.03	1473.08	1473.08	.00
340.01	342.46	4.589	33.77	1472.93	1472.93	.00
344.85	347.34	4.530	34.00	1473.04	1473.04	.00
350.23	352.76	4.530	33.98	1473.12	1473.12	.01
355.07	357.63	4.481	34.06	1473.08	1473.08	.00
359.91	362.50	4.481	34.04	1473.15	1473.16	.00
364.73	367.36	4.442	34.12	1473.15	1473.15	.00
370.09	372.76	4.422	34.10	1473.15	1473.16	.00
374.92	377.61	4.471	33.79	1473.04	1473.04	.00
380.27	383.00	4.432	33.95	1473.15	1473.15	-.01
385.08	387.85	4.364	34.08	1473.12	1473.11	-.01
389.88	392.69	4.335	34.07	1473.08	1473.08	.00
395.22	398.07	4.364	34.00	1473.19	1473.20	.01
400.02	402.90	4.315	34.13	1473.23	1473.22	-.01
404.81	407.73	4.295	34.14	1473.23	1473.23	.00
410.13	413.09	4.305	33.97	1473.15	1473.16	.01
414.92	417.91	4.256	34.08	1473.15	1473.15	.00
420.23	423.26	4.266	34.02	1473.23	1473.23	.00
425.01	428.07	4.227	34.04	1473.15	1473.15	-.01
429.78	432.87	4.198	34.07	1473.15	1473.14	-.01
435.08	438.21	4.227	34.02	1473.30	1473.31	.01
439.84	443.01	4.178	34.13	1473.30	1473.30	.00
445.13	448.33	4.168	34.11	1473.34	1473.35	.00
449.88	453.12	4.178	34.02	1473.34	1473.35	.01
455.16	458.44	4.129	34.15	1473.38	1473.37	.00
459.90	463.22	4.061	34.25	1473.30	1473.30	-.01
465.17	468.52	4.012	34.40	1473.38	1473.37	-.01
469.91	473.29	4.061	34.20	1473.42	1473.42	.01
475.17	478.59	4.139	34.03	1473.60	1473.62	.01
479.89	483.35	4.120	34.10	1473.68	1473.68	.00
485.14	488.63	4.110	34.15	1473.79	1473.79	.00
489.86	493.39	4.139	34.10	1473.94	1473.95	.01
495.10	498.66	4.090	34.26	1474.02	1474.01	-.01
499.81	503.41	4.042	34.27	1473.90	1473.90	.00
505.04	508.67	4.061	34.16	1473.94	1473.95	.01
510.26	513.93	4.022	34.29	1474.02	1474.01	.00
514.96	518.66	4.032	34.18	1474.02	1474.02	.00
520.17	523.91	4.022	34.09	1473.94	1473.94	.00
524.86	528.63	4.071	33.99	1474.09	1474.10	.01
530.06	533.88	4.012	34.13	1474.09	1474.09	.00
535.26	539.11	4.051	34.01	1474.20	1474.21	.01
539.93	543.82	3.944	34.37	1474.28	1474.28	.00
545.12	549.04	3.983	34.19	1474.32	1474.32	.00
549.78	553.74	3.983	34.16	1474.35	1474.36	.01
554.96	558.96	3.944	34.26	1474.39	1474.38	-.01
560.13	564.17	3.954	34.24	1474.50	1474.51	.01
564.79	568.85	3.973	34.21	1474.62	1474.63	.01
569.95	574.05	3.993	34.10	1474.65	1474.65	.00
575.11	579.25	3.963	34.20	1474.73	1474.72	-.01
579.74	583.92	3.963	34.19	1474.80	1474.81	.00
584.89	589.10	3.915	34.32	1474.84	1474.83	-.01
590.04	594.28	3.944	34.18	1474.88	1474.88	.00
595.17	599.46	3.866	34.32	1474.80	1474.79	-.01
599.79	604.11	3.915	34.15	1474.88	1474.88	.01
604.92	609.28	3.915	34.18	1474.99	1474.98	-.01

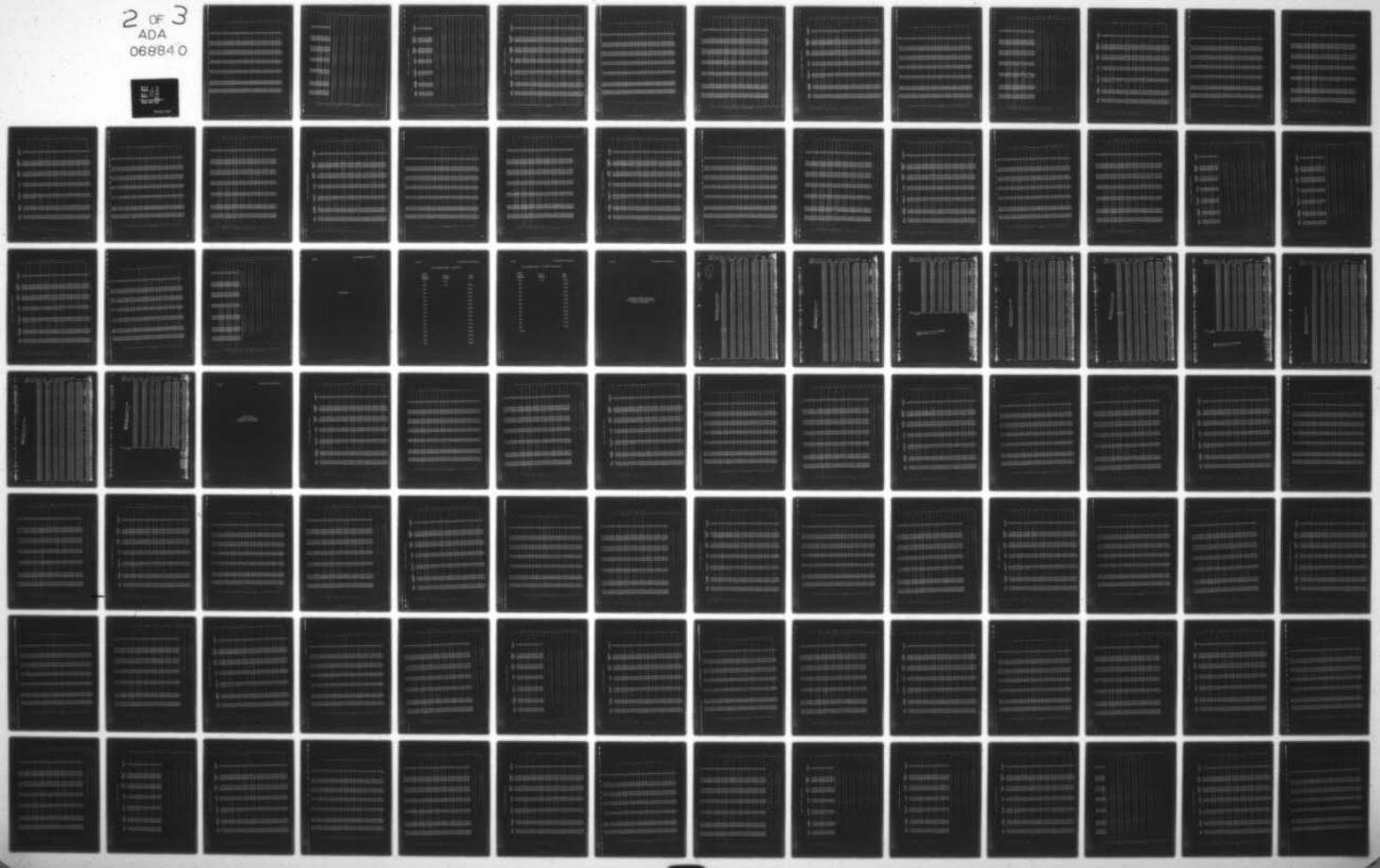
610.04	614.44	3.817	34.38	1474.92	1474.91	.00
615.16	619.59	3.856	34.12	1474.84	1474.85	.01
619.76	624.22	3.934	33.75	1474.77	1474.78	.01
624.87	629.37	3.856	34.06	1474.92	1474.91	-.01
629.97	634.51	3.836	34.21	1475.10	1475.10	.00
635.07	639.64	3.875	33.92	1474.99	1475.00	.01
640.16	644.77	3.905	33.87	1475.14	1475.15	.00
645.25	649.89	3.807	34.17	1475.18	1475.18	.00
649.82	654.50	3.836	34.09	1475.29	1475.30	.01
654.90	659.61	3.807	34.16	1475.33	1475.32	.00
659.97	664.72	3.807	34.14	1475.40	1475.41	.00
665.04	669.82	3.758	34.25	1475.40	1475.40	.00
670.10	674.92	3.719	34.31	1475.40	1475.40	-.01
675.15	680.01	3.788	34.16	1475.59	1475.60	.01
680.20	685.10	3.797	34.09	1475.63	1475.63	.01
685.25	690.18	3.700	34.38	1475.67	1475.66	-.01
689.79	694.75	3.680	34.39	1475.67	1475.66	.00
694.82	699.82	3.719	34.25	1475.74	1475.75	.01
699.85	704.89	3.739	34.17	1475.82	1475.82	.00
704.88	709.95	3.719	34.27	1475.93	1475.92	-.01
709.90	715.01	3.690	34.23	1475.85	1475.85	.00
714.91	720.06	3.670	34.25	1475.85	1475.85	.00
719.92	725.11	3.680	34.27	1476.00	1476.00	.00
724.93	730.15	3.690	34.34	1476.23	1476.22	-.01
729.93	735.18	3.748	34.14	1476.30	1476.31	.01
734.92	740.21	3.709	34.27	1476.38	1476.37	-.01
739.91	745.24	3.670	34.36	1476.42	1476.41	-.01
744.89	750.26	3.690	34.31	1476.53	1476.54	.01
749.87	755.27	3.739	34.03	1476.46	1476.46	.01
754.84	760.28	3.758	34.09	1476.68	1476.68	.00
759.81	765.28	3.690	34.25	1476.68	1476.68	.00
764.78	770.28	3.651	34.24	1476.61	1476.61	.00
770.23	775.77	3.514	34.60	1476.57	1476.56	-.01
775.18	780.76	3.602	34.36	1476.72	1476.73	.01
780.13	785.74	3.651	34.16	1476.76	1476.76	.00
785.07	790.72	3.455	34.75	1476.76	1476.75	-.01
790.01	795.69	3.504	34.58	1476.83	1476.84	.01
794.94	800.66	3.563	34.38	1476.91	1476.92	.01
799.86	805.62	3.514	34.48	1476.91	1476.89	-.01
804.78	810.58	3.514	34.44	1476.94	1476.95	.00
810.19	816.02	3.504	34.59	1477.17	1477.16	-.01
815.10	820.97	3.573	34.32	1477.21	1477.21	.01
820.00	825.91	3.543	34.42	1477.28	1477.27	-.01
824.90	830.84	3.504	34.46	1477.25	1477.24	-.01
829.80	835.77	3.495	34.51	1477.36	1477.35	-.01
835.18	841.19	3.475	34.54	1477.40	1477.39	-.01
840.06	846.11	3.465	34.53	1477.43	1477.44	.01
844.94	851.02	3.426	34.66	1477.51	1477.50	-.01
849.81	855.93	3.446	34.55	1477.55	1477.55	.00
855.16	861.32	3.407	34.65	1477.58	1477.58	-.01
860.03	866.22	3.436	34.49	1477.58	1477.60	.01
864.88	871.11	3.426	34.46	1477.58	1477.60	.01
870.22	876.49	3.377	34.65	1477.70	1477.70	.00

XSVT PROBE #000575

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.845	32.20	1502.98	1502.98	.00
10.26	10.34	14.767	32.50	1503.17	1503.16	-.01
14.82	14.92	14.757	32.53	1503.25	1503.24	-.01
19.94	20.08	14.777	32.54	1503.41	1503.40	-.01
25.06	25.24	14.777	32.53	1503.49	1503.50	.01
30.17	30.39	14.581	32.39	1502.78	1502.79	.00
35.28	35.53	11.241	32.50	1491.73	1491.72	.00
39.81	40.10	10.596	32.61	1489.66	1489.65	-.01
44.92	45.24	10.000	32.64	1487.63	1487.62	-.01
50.01	50.37	9.590	32.80	1486.41	1486.41	.00
55.10	55.50	9.013	32.72	1484.28	1484.29	.01
60.19	60.62	8.525	32.91	1482.76	1482.76	.00
65.28	65.75	8.291	32.81	1481.85	1481.86	.01
69.79	70.29	8.125	32.80	1481.28	1481.29	.01
74.87	75.41	7.929	32.92	1480.75	1480.75	.00
79.94	80.51	7.587	32.96	1479.58	1479.58	-.01
85.01	85.62	7.353	33.01	1478.83	1478.82	-.01
90.07	90.72	7.226	32.94	1478.34	1478.35	.01
95.13	95.81	7.070	33.03	1477.92	1477.91	-.01
100.18	100.90	6.835	33.10	1477.17	1477.16	-.01
105.23	105.99	6.757	33.25	1477.13	1477.13	.00
110.28	111.07	6.659	33.34	1476.94	1476.94	.00
114.76	115.59	6.581	33.43	1476.83	1476.82	-.01
119.80	120.66	6.601	33.18	1476.68	1476.69	.01
124.83	125.73	6.444	33.43	1476.46	1476.44	-.01
129.86	130.80	6.396	33.52	1476.46	1476.45	-.01
134.89	135.86	6.425	33.35	1476.46	1476.46	.00
139.91	140.92	6.327	33.70	1476.57	1476.57	.00
144.93	145.97	6.298	33.75	1476.61	1476.60	-.01
149.94	151.02	6.278	33.78	1476.64	1476.64	-.01
154.95	156.06	6.366	33.46	1476.68	1476.69	.01
159.95	161.11	6.298	33.65	1476.72	1476.72	.00
164.95	166.14	6.269	33.79	1476.87	1476.86	-.01
169.95	171.17	6.259	33.75	1476.87	1476.88	.01
174.94	176.20	6.210	33.85	1476.87	1476.87	.00
179.93	181.23	6.181	33.90	1476.91	1476.90	-.01
184.91	186.24	6.239	33.59	1476.83	1476.84	.01
189.89	191.26	6.005	34.15	1476.68	1476.67	-.01
194.87	196.27	5.956	34.08	1476.49	1476.50	.00
199.84	201.28	5.937	34.12	1476.53	1476.53	.00
204.81	206.28	5.937	33.98	1476.46	1476.46	.00
209.77	211.28	5.858	34.03	1476.27	1476.26	-.01
214.73	216.27	5.692	34.14	1475.82	1475.82	.00
220.23	221.82	5.702	33.99	1475.78	1475.78	.00
225.18	226.80	5.556	34.17	1475.48	1475.48	.00
230.12	231.78	5.546	33.97	1475.29	1475.29	.00
235.07	236.76	5.507	34.02	1475.25	1475.25	.00
240.00	241.73	5.448	34.08	1475.18	1475.17	-.01
244.93	246.70	5.409	34.11	1475.14	1475.13	-.01
249.86	251.66	5.370	34.20	1475.18	1475.17	-.01
254.79	256.62	5.341	34.01	1474.92	1474.92	.00
260.25	262.13	5.194	34.16	1474.58	1474.58	.00
265.17	267.08	5.184	34.15	1474.62	1474.63	.01
270.08	272.02	5.184	33.91	1474.39	1474.40	.01
274.99	276.97	5.087	34.16	1474.39	1474.38	-.01

AD-A068 840 SIPPICAN CORP MARION MA F/G 8/10
EXPENDABLE SOUND VELOCITY AND TEMPERATURE PROBE (XSVT) TO INFER--ETC(U)
1978 N00014-77-C-0769
UNCLASSIFIED R-929 NL

2 OF 3
ADA
068840



279.89	281.90	4.940	34.22	1473.94	1473.94	.00
284.79	286.84	4.882	34.09	1473.64	1473.64	.00
290.23	292.31	4.921	33.90	1473.64	1473.65	.01
295.11	297.24	4.774	34.26	1473.57	1473.56	-.01
300.00	302.16	4.813	34.09	1473.60	1473.61	.00
304.88	307.08	4.774	34.14	1473.57	1473.57	.00
309.76	311.99	4.774	34.03	1473.53	1473.53	.00
315.17	317.44	4.745	34.00	1473.45	1473.46	.01
320.04	322.34	4.774	33.78	1473.38	1473.38	.00
324.90	327.24	4.667	34.11	1473.42	1473.42	.00
329.76	332.14	4.608	34.08	1473.23	1473.24	.01
335.16	337.57	4.569	34.23	1473.34	1473.33	-.01
340.01	342.46	4.549	34.11	1473.19	1473.20	.01
344.85	347.34	4.549	34.07	1473.23	1473.23	.00
350.23	352.76	4.452	34.39	1473.30	1473.30	.00
355.07	357.63	4.530	34.06	1473.30	1473.31	.00
359.91	362.50	4.491	34.14	1473.30	1473.30	.00
364.73	367.36	4.481	34.17	1473.38	1473.38	.00
370.09	372.76	4.481	34.06	1473.34	1473.35	.01
374.92	377.61	4.422	34.23	1473.38	1473.38	.00
380.27	383.00	4.432	34.12	1473.38	1473.39	.01
385.08	387.85	4.413	34.09	1473.34	1473.35	.01
389.88	392.69	4.364	34.16	1473.30	1473.29	-.01
395.22	398.07	4.344	34.22	1473.38	1473.37	.00
400.02	402.90	4.266	34.41	1473.38	1473.37	-.01
404.81	407.73	4.335	34.11	1473.38	1473.38	.00
410.13	413.09	4.266	34.28	1473.38	1473.37	-.01
414.92	417.91	4.305	34.26	1473.60	1473.61	.01
420.23	423.26	4.305	34.04	1473.42	1473.42	.00
425.01	428.07	4.208	34.34	1473.45	1473.45	.00
429.78	432.87	4.266	34.08	1473.45	1473.46	.01
435.08	438.21	4.237	34.14	1473.49	1473.48	-.01
439.84	443.01	4.217	34.11	1473.45	1473.46	.01
445.13	448.33	4.159	34.32	1473.57	1473.55	-.01
449.88	453.12	4.139	34.33	1473.57	1473.56	-.01
455.16	458.44	4.178	34.13	1473.57	1473.58	.01
459.90	463.22	4.110	34.27	1473.53	1473.53	.00
465.17	468.52	4.090	34.29	1473.57	1473.56	-.01
469.91	473.29	4.081	34.32	1473.64	1473.63	-.01
475.17	478.59	4.100	34.30	1473.79	1473.80	.01
479.89	483.35	4.120	34.26	1473.90	1473.91	.01
485.14	488.63	4.188	34.06	1474.02	1474.02	.01
489.86	493.39	4.090	34.44	1474.17	1474.15	-.01
495.10	498.66	4.110	34.33	1474.20	1474.21	.01
499.81	503.41	4.129	34.15	1474.13	1474.13	.01
505.04	508.67	4.032	34.47	1474.20	1474.20	.00
510.26	513.93	4.061	34.30	1474.20	1474.21	.01
514.96	518.66	4.042	34.34	1474.24	1474.24	.00
520.17	523.91	4.051	34.26	1474.28	1474.28	.01
524.86	528.63	4.022	34.36	1474.35	1474.34	-.01
530.06	533.88	3.993	34.42	1474.39	1474.38	-.01
535.26	539.11	4.002	34.31	1474.39	1474.39	.00
539.93	543.82	4.022	34.22	1474.43	1474.44	.01
545.12	549.04	4.071	34.08	1474.54	1474.55	.01
549.78	553.74	3.993	34.34	1474.62	1474.61	-.01
554.96	558.96	4.002	34.24	1474.62	1474.63	.01
560.13	564.17	3.973	34.33	1474.69	1474.68	-.01
564.79	568.85	3.973	34.32	1474.77	1474.77	.00
569.95	574.05	3.973	34.38	1474.92	1474.91	-.01
575.11	579.25	3.954	34.28	1474.80	1474.81	.00
579.74	583.92	3.924	34.42	1474.92	1474.91	.00
584.89	589.10	4.022	34.05	1474.95	1474.96	.00
590.04	594.28	4.002	34.15	1475.07	1475.06	.00
595.17	599.46	4.520	32.42	1475.10	1475.11	.01
599.79	604.11	4.579	32.20	1475.14	1475.15	.01
604.92	609.28	4.549	32.21	1475.10	1475.10	-.01

610.04	614.44	4.335	32.75	1474.99	1474.98	-.01
615.16	619.59	4.325	32.71	1474.99	1475.00	.01
619.76	624.22	4.315	32.68	1474.99	1474.99	.00
624.87	629.37	5.448	29.15	1475.25	1475.25	.00
629.97	634.51	5.575	28.68	1475.25	1475.26	.01
635.07	639.64	6.366	26.07	1475.25	1475.26	.01
640.16	644.77	6.337	26.14	1475.29	1475.29	.00
645.24	649.89	9.023	*****	1475.48	1479.76	.00
649.82	654.49	36.667	*****	1475.85	1560.69	.00
654.89	659.61	36.667	*****	1475.67	1560.77	.00
659.96	664.72	36.667	*****	1475.67	1560.86	.00
665.03	669.82	36.667	*****	1475.55	1560.94	.00
670.09	674.92	36.667	*****	1405.35	1561.02	.00
675.15	680.01	36.667	*****	1405.35	1561.11	.00
680.20	685.10	36.667	*****	1405.35	1561.19	.00
685.24	690.18	36.667	*****	1405.35	1561.27	.00

XSVT PROBE #000576

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.864	*****	1405.35	1497.00	.00
10.26	10.33	14.777	*****	1405.35	1496.80	.00
14.81	14.92	14.777	*****	1405.35	1496.87	.00
19.93	20.08	14.786	*****	1405.35	1496.99	.00
25.05	25.23	14.767	*****	1405.35	1497.01	.00
30.16	30.38	14.698	*****	1405.35	1496.87	.00
35.27	35.53	11.973	*****	1405.35	1487.72	.00
39.81	40.10	10.879	*****	1405.35	1483.91	.00
44.91	45.23	10.166	*****	1405.35	1481.40	.00
50.01	50.37	9.726	*****	1405.35	1479.85	.00
55.10	55.50	9.326	*****	1405.35	1478.45	.00
60.19	60.62	8.828	*****	1405.35	1476.65	.00

XSVT PROBE #000577

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.816	32.21	1502.90	1502.90	-.01
10.26	10.34	14.904	32.02	1503.06	1503.06	.01
14.82	14.92	14.835	32.29	1503.21	1503.21	.00
19.94	20.08	14.757	32.53	1503.33	1503.32	-.01
25.06	25.24	14.737	32.61	1503.45	1503.44	-.01
30.17	30.39	14.698	32.60	1503.41	1503.41	.00
35.28	35.53	12.022	32.70	1494.69	1494.68	-.01
39.81	40.10	11.153	32.72	1491.76	1491.75	-.01
44.92	45.24	10.313	32.65	1488.78	1488.79	.01
50.01	50.37	9.648	32.91	1486.75	1486.75	.00
55.10	55.50	9.306	33.08	1485.80	1485.79	-.01
60.19	60.62	8.974	32.83	1484.36	1484.36	.01
65.28	65.75	8.545	32.71	1482.69	1482.69	.01
69.79	70.29	8.291	32.82	1481.93	1481.92	-.01
74.87	75.41	8.027	32.63	1480.79	1480.79	.00
79.94	80.51	7.763	32.75	1480.00	1479.99	-.01
85.01	85.62	7.402	32.95	1478.94	1478.93	-.01
90.07	90.72	7.284	32.91	1478.53	1478.54	.01
95.13	95.81	7.206	32.87	1478.26	1478.27	.00
100.18	100.90	6.933	33.00	1477.43	1477.42	-.01
105.23	105.99	6.767	33.16	1477.06	1477.06	.00
110.28	111.07	6.708	33.43	1477.25	1477.25	.00
114.76	115.59	6.659	33.27	1476.94	1476.95	.01
119.80	120.66	6.552	33.40	1476.76	1476.75	-.01
124.83	125.73	6.454	33.33	1476.38	1476.38	.00
129.86	130.80	6.376	33.55	1476.42	1476.41	-.01
134.89	135.86	6.396	33.47	1476.49	1476.49	.00
139.91	140.92	6.357	33.57	1476.53	1476.52	-.01
144.93	145.97	6.366	33.53	1476.61	1476.62	.01
149.94	151.02	6.298	33.72	1476.64	1476.64	.00
154.95	156.06	6.640	32.60	1476.68	1476.69	.01
159.95	161.11	6.601	32.72	1476.76	1476.75	-.01
164.95	166.14	6.435	33.21	1476.79	1476.79	.00
169.95	171.17	6.454	33.10	1476.83	1476.83	.00
174.94	176.20	6.298	33.60	1476.91	1476.90	-.01
179.93	181.23	6.259	33.56	1476.79	1476.80	.01
184.91	186.24	6.298	33.37	1476.79	1476.80	.01
189.89	191.26	6.259	33.28	1476.61	1476.61	.01
194.87	196.27	6.308	33.03	1476.57	1476.57	.01
199.84	201.28	6.288	32.91	1476.42	1476.42	.01
204.81	206.28	6.151	33.29	1476.42	1476.41	.00
209.77	211.28	6.073	33.19	1476.08	1476.08	.01
214.73	216.27	6.024	33.13	1475.89	1475.89	.00
220.23	221.81	8.388	*****	1475.44	1478.98	.00
225.17	226.80	13.536	*****	1475.44	1496.21	.00
230.12	231.78	7.284	28.66	1475.52	1475.53	.01
235.07	236.76	7.011	29.40	1475.44	1475.43	-.01
240.00	241.73	6.825	30.01	1475.55	1475.54	-.01
244.93	246.70	6.630	30.47	1475.44	1475.43	-.01
249.86	251.66	16.525	*****	1475.07	1504.54	-.01
254.78	256.62	8.291	*****	1475.07	1477.78	-.01
260.25	262.13	7.148	28.03	1474.69	1474.70	.01
265.17	267.08	6.796	29.06	1474.65	1474.65	.00
270.08	272.02	6.513	29.68	1474.39	1474.38	-.01
274.99	276.97	6.327	30.09	1474.24	1474.24	-.01

279.89	281.90	6.425	29.76	1474.32	1474.32	.00
284.79	286.84	6.151	30.49	1474.20	1474.19	-.01
290.23	292.31	5.897	31.11	1474.05	1474.04	-.01
295.11	297.24	5.976	30.82	1474.09	1474.10	.01
300.00	302.16	6.181	30.13	1474.13	1474.14	.01
304.88	307.08	5.819	31.05	1473.90	1473.89	-.01
309.76	311.99	5.800	31.01	1473.87	1473.87	.01
315.17	317.44	5.556	31.58	1473.68	1473.67	-.01
320.04	322.34	5.683	31.07	1473.64	1473.64	.00
324.90	327.24	5.389	31.87	1473.53	1473.52	-.01
329.76	332.14	5.380	31.71	1473.38	1473.38	.00
335.16	337.57	5.389	31.58	1473.34	1473.34	.00
340.01	342.46	5.477	31.27	1473.38	1473.39	.01
344.85	347.33	9.590	*****	1473.38	1483.28	.01
350.23	352.76	6.200	28.79	1473.34	1473.35	.00
355.07	357.63	5.497	30.99	1473.34	1473.33	-.01
359.91	362.50	5.360	31.43	1473.42	1473.41	.00
364.73	367.36	5.155	31.99	1473.38	1473.37	-.01
370.09	372.76	5.106	32.08	1473.38	1473.37	-.01
374.92	377.61	5.116	31.98	1473.38	1473.39	.01
380.27	383.00	5.106	31.97	1473.42	1473.42	.01
385.08	387.85	4.989	32.30	1473.42	1473.42	.00
389.88	392.69	4.852	32.73	1473.49	1473.48	-.01
395.22	398.07	4.784	32.89	1473.49	1473.49	.00
400.02	402.90	4.735	32.98	1473.49	1473.48	-.01
404.81	407.73	4.725	32.91	1473.45	1473.46	.00
410.13	413.09	4.735	32.75	1473.38	1473.38	.00
414.92	417.91	4.647	32.99	1473.38	1473.38	.00
420.23	423.26	4.608	33.10	1473.45	1473.44	-.01
425.01	428.07	4.628	33.00	1473.49	1473.50	.01
429.78	432.87	4.549	33.20	1473.49	1473.48	-.01
435.08	438.21	4.549	33.09	1473.45	1473.46	.00
439.84	443.01	4.589	32.90	1473.45	1473.46	.00
445.13	448.33	4.637	32.77	1473.57	1473.58	.01
449.88	453.12	4.540	33.06	1473.60	1473.60	-.01
455.16	458.44	4.510	33.12	1473.64	1473.64	.00
459.90	463.22	4.540	32.89	1473.57	1473.57	.00
465.17	468.52	4.491	32.99	1473.57	1473.56	-.01
469.91	473.29	4.364	33.52	1473.79	1473.79	.00
475.17	478.59	4.325	33.67	1473.90	1473.90	.00
479.89	483.35	4.335	33.59	1473.94	1473.94	.00
485.14	488.63	4.364	33.49	1474.02	1474.02	.01
489.86	493.39	4.325	33.71	1474.20	1474.20	-.01
495.10	498.66	4.315	33.76	1474.32	1474.30	-.01
499.81	503.41	4.393	33.47	1474.35	1474.36	.01
505.04	508.67	4.364	33.41	1474.24	1474.25	.01
510.26	513.93	4.217	33.80	1474.20	1474.20	-.01
514.96	518.66	4.247	33.63	1474.20	1474.21	.00
520.17	523.91	4.247	33.62	1474.28	1474.28	.00
524.86	528.63	4.237	33.60	1474.28	1474.29	.01
530.06	533.88	4.188	33.76	1474.35	1474.35	.00
535.26	539.11	4.227	33.61	1474.43	1474.43	.00
539.93	543.82	4.159	33.81	1474.47	1474.46	-.01
545.12	549.04	4.217	33.58	1474.50	1474.51	.01
549.78	553.74	4.188	33.62	1474.50	1474.49	-.01
554.96	558.96	4.042	34.15	1474.65	1474.65	.00
560.13	564.17	4.139	33.73	1474.62	1474.63	.01
564.79	568.85	4.178	33.63	1474.73	1474.74	.01
569.95	574.05	4.090	33.94	1474.84	1474.83	-.01
575.11	579.25	4.178	33.61	1474.88	1474.88	.00
579.74	583.92	4.100	33.82	1474.88	1474.88	.00
584.89	589.10	4.022	34.03	1474.92	1474.91	-.01
590.04	594.28	4.139	33.58	1474.92	1474.93	.01
595.17	599.46	4.237	33.34	1475.10	1475.11	.01
599.79	604.11	4.168	33.60	1475.22	1475.21	-.01
604.92	609.28	4.032	33.92	1475.14	1475.14	.00

610.04	614.44	4.051	33.75	1475.10	1475.11	.00
615.16	619.59	4.022	33.85	1475.18	1475.17	-.01
619.76	624.22	3.954	33.98	1475.14	1475.13	-.01
624.87	629.37	3.973	33.76	1475.03	1475.04	.01
629.97	634.51	3.934	33.98	1475.22	1475.21	.00
635.07	639.64	3.973	33.83	1475.29	1475.29	.00
640.16	644.77	4.002	33.79	1475.44	1475.45	.01
645.25	649.89	4.227	33.02	1475.48	1475.48	.00
649.82	654.50	4.032	33.67	1475.55	1475.55	.00
654.90	659.61	3.973	33.82	1475.59	1475.58	-.01
659.97	664.72	3.905	33.95	1475.55	1475.55	.00
665.04	669.82	3.944	33.80	1475.63	1475.63	.00
670.10	674.92	3.924	33.93	1475.78	1475.77	-.01
675.15	680.01	3.983	33.62	1475.59	1475.60	.01
680.20	685.10	3.778	34.25	1475.74	1475.74	-.01
685.25	690.18	3.848	34.04	1475.85	1475.86	.01
689.79	694.75	3.836	34.08	1475.93	1475.92	-.01
694.82	699.82	3.856	33.94	1475.93	1475.93	.00
699.85	704.89	3.817	34.13	1476.08	1476.07	-.01
704.88	709.95	3.817	34.00	1476.00	1476.01	.01
709.90	715.01	3.836	34.12	1476.30	1476.30	.00
714.91	720.06	3.827	34.14	1476.38	1476.37	-.01
719.92	725.11	3.905	33.93	1476.53	1476.54	.01
724.93	730.15	3.846	34.16	1476.64	1476.64	.00
729.93	735.18	3.827	34.14	1476.64	1476.65	.00
734.92	740.21	3.856	34.01	1476.68	1476.68	.00
739.91	745.24	3.827	34.11	1476.76	1476.75	-.01
744.89	750.26	3.807	34.17	1476.83	1476.82	-.01
749.87	755.27	3.817	34.04	1476.79	1476.80	.01
754.84	760.28	3.807	33.98	1476.76	1476.77	.01
759.81	765.28	3.758	34.11	1476.79	1476.78	-.01
764.78	770.28	3.739	34.20	1476.91	1476.90	.00
770.23	775.77	3.661	34.30	1476.79	1476.79	.00
775.18	780.76	3.719	34.00	1476.76	1476.76	.00
780.13	785.74	3.651	34.23	1476.83	1476.82	-.01
785.07	790.72	3.680	34.15	1476.94	1476.95	.01
790.01	795.69	3.670	34.09	1476.91	1476.91	.01
794.94	800.66	3.612	34.26	1476.94	1476.94	.00
799.86	805.62	3.680	34.05	1477.06	1477.07	.01
804.78	810.58	3.670	34.17	1477.25	1477.23	-.01
810.19	816.02	3.651	34.28	1477.40	1477.39	-.01
815.10	820.97	3.582	34.45	1477.40	1477.39	.00
820.00	825.91	3.612	34.30	1477.43	1477.43	.00
824.90	830.84	3.582	34.38	1477.47	1477.47	-.01
829.80	835.77	3.612	34.27	1477.55	1477.56	.01
835.18	841.19	3.631	34.19	1477.62	1477.62	.00
840.06	846.11	3.582	34.30	1477.62	1477.61	-.01
844.94	851.02	3.553	34.36	1477.66	1477.65	-.01
849.81	855.93	3.543	34.42	1477.77	1477.76	-.01
855.16	861.32	3.709	33.77	1477.73	1477.74	.01
860.03	866.22	3.641	33.97	1477.77	1477.77	-.01
864.88	871.11	3.719	33.70	1477.85	1477.85	.01
870.22	876.49	3.621	34.05	1477.96	1477.95	-.01

XSVT PROBE #000578

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.825	32.15	1502.86	1502.86	-.01
10.26	10.34	14.855	32.16	1503.06	1503.05	-.01
14.82	14.92	14.845	32.19	1503.13	1503.13	-.01
19.94	20.08	14.816	32.33	1503.29	1503.28	-.01
25.06	25.24	14.796	32.38	1503.37	1503.36	-.01
30.17	30.39	14.806	32.27	1503.37	1503.37	.00
35.28	35.53	14.239	31.91	1501.19	1501.20	.01
39.81	40.10	11.582	32.21	1492.65	1492.64	.00
44.92	45.24	10.225	32.66	1488.47	1488.46	-.01
50.01	50.37	10.039	32.64	1487.86	1487.87	.01
55.10	55.50	9.619	32.67	1486.45	1486.44	-.01
60.19	60.62	9.121	32.95	1485.04	1485.03	-.01
65.28	65.75	8.623	32.59	1482.84	1482.84	.00
69.79	70.29	8.252	32.69	1481.62	1481.61	-.01
74.87	75.41	7.880	32.82	1480.45	1480.44	-.01
79.94	80.51	7.744	32.80	1480.00	1480.01	.01
85.01	85.62	7.363	33.01	1478.87	1478.86	-.01
90.07	90.72	7.236	33.07	1478.53	1478.52	.00
95.13	95.81	7.167	32.81	1478.04	1478.04	.00
100.18	100.90	6.962	32.85	1477.36	1477.35	-.01
105.23	105.99	6.806	32.94	1476.94	1476.93	-.01
110.28	111.07	6.718	33.06	1476.83	1476.82	-.01
114.76	115.59	6.659	33.22	1476.87	1476.86	-.01
119.80	120.66	6.532	33.25	1476.49	1476.48	-.01
124.83	125.73	6.503	33.12	1476.30	1476.31	.01
129.86	130.80	6.405	33.37	1476.30	1476.30	-.01
134.89	135.86	6.444	33.23	1476.38	1476.38	.00
139.91	140.92	6.357	33.48	1476.42	1476.41	-.01
144.93	145.97	6.386	33.37	1476.49	1476.49	.00
149.94	151.02	6.405	33.28	1476.53	1476.54	.01
154.95	156.06	6.298	33.62	1476.61	1476.60	-.01
159.95	161.11	6.366	33.39	1476.68	1476.69	.00
164.95	166.14	6.278	33.67	1476.76	1476.75	-.01
169.95	171.17	6.269	33.63	1476.76	1476.77	.01
174.94	176.20	6.239	33.73	1476.83	1476.83	.00
179.93	181.23	6.190	33.76	1476.76	1476.76	.00
184.91	186.24	6.230	33.50	1476.68	1476.69	.01
189.89	191.26	6.132	33.75	1476.68	1476.68	-.01
194.87	196.27	6.054	33.81	1476.53	1476.52	-.01
199.84	201.28	6.005	33.84	1476.46	1476.45	-.01
204.81	206.28	5.956	33.93	1476.46	1476.45	-.01
209.77	211.28	5.966	33.53	1476.08	1476.09	.01
214.73	216.27	5.790	33.85	1475.85	1475.84	-.01
220.23	221.82	5.624	34.13	1475.63	1475.62	-.01
225.18	226.80	5.653	33.82	1475.44	1475.45	.01
230.12	231.78	5.624	33.83	1475.40	1475.40	.00
235.07	236.76	5.546	34.01	1475.40	1475.40	-.01
240.00	241.73	5.585	33.84	1475.44	1475.45	.00
244.93	246.70	5.516	33.98	1475.40	1475.40	.00
249.86	251.66	5.399	34.05	1475.10	1475.10	-.01
254.79	256.62	5.409	33.86	1474.99	1475.00	.01
260.25	262.13	5.302	33.96	1474.77	1474.76	-.01
265.17	267.08	5.223	33.93	1474.50	1474.51	.00
270.08	272.02	5.184	33.79	1474.24	1474.25	.01
274.99	276.97	5.087	34.04	1474.24	1474.23	-.01

279.89	281.90	5.096	33.88	1474.17	1474.17	.00
284.79	286.84	5.136	33.63	1474.09	1474.09	.00
290.23	292.31	5.009	33.92	1474.02	1474.01	-.01
295.11	297.24	5.009	33.85	1474.02	1474.02	.01
300.00	302.16	5.048	33.60	1473.94	1473.94	.00
304.88	307.08	4.872	33.94	1473.72	1473.71	.00
309.76	311.99	4.833	33.87	1473.57	1473.57	.00
315.17	317.44	4.794	33.84	1473.45	1473.46	.01
320.04	322.34	4.803	33.88	1473.60	1473.60	.00
324.90	327.24	4.686	33.96	1473.30	1473.30	.00
329.76	332.14	4.667	33.98	1473.34	1473.33	-.01
335.16	337.57	4.667	33.85	1473.27	1473.28	.01
340.01	342.46	4.735	33.65	1473.38	1473.38	.00
344.85	347.34	4.686	33.67	1473.27	1473.26	-.01
350.23	352.76	4.676	33.72	1473.38	1473.37	-.01
355.07	357.63	4.725	33.43	1473.30	1473.31	.00
359.91	362.50	4.667	33.60	1473.34	1473.34	.00
364.73	367.36	4.686	33.49	1473.38	1473.38	.00
370.09	372.76	4.647	33.56	1473.38	1473.37	-.01
374.92	377.61	4.598	33.66	1473.38	1473.38	.00
380.27	383.00	4.579	33.58	1473.30	1473.31	.00
385.08	387.85	4.637	33.39	1473.38	1473.38	.00
389.88	392.69	4.608	33.46	1473.42	1473.41	-.01
395.22	398.07	4.549	33.56	1473.38	1473.38	.00
400.02	402.90	4.491	33.65	1473.34	1473.33	-.01
404.81	407.73	4.510	33.55	1473.38	1473.39	.01
410.13	413.09	4.432	33.71	1473.34	1473.33	-.01
414.92	417.91	4.403	33.75	1473.34	1473.34	.00
420.23	423.26	4.471	33.48	1473.38	1473.39	.01
425.01	428.07	4.452	33.52	1473.42	1473.41	.00
429.78	432.87	4.422	33.61	1473.49	1473.48	-.01
435.08	438.21	4.452	33.44	1473.49	1473.50	.01
439.84	443.01	4.374	33.70	1473.57	1473.56	.00
445.13	448.33	4.325	33.73	1473.49	1473.49	-.01
449.88	453.12	4.344	33.63	1473.53	1473.54	.01
455.16	458.44	4.305	33.75	1473.60	1473.59	-.01
459.90	463.22	4.354	33.64	1473.75	1473.76	.01
465.17	468.52	4.276	33.78	1473.68	1473.68	.00
469.91	473.29	4.198	33.94	1473.64	1473.63	-.01
475.17	478.59	4.305	33.68	1473.83	1473.83	.00
479.89	483.35	4.286	33.76	1473.94	1473.93	-.01
485.14	488.63	4.237	33.85	1473.94	1473.93	-.01
489.86	493.39	4.325	33.61	1474.09	1474.09	.00
495.10	498.66	4.364	33.63	1474.35	1474.34	-.01
499.81	503.41	4.256	33.92	1474.35	1474.34	-.01
505.04	508.67	4.247	33.73	1474.17	1474.17	.01
510.26	513.93	4.178	33.93	1474.20	1474.20	.00
514.96	518.66	4.198	33.79	1474.20	1474.21	.00
520.17	523.91	4.159	33.92	1474.28	1474.27	-.01
524.86	528.63	4.217	33.75	1474.39	1474.40	.01
530.06	533.88	4.168	33.79	1474.32	1474.30	-.01
535.26	539.11	4.120	33.88	1474.32	1474.31	-.01
539.93	543.82	4.247	33.46	1474.39	1474.40	.01
545.12	549.04	4.139	33.81	1474.47	1474.46	-.01
549.78	553.74	4.100	33.88	1474.47	1474.46	.00
554.96	558.96	4.100	33.86	1474.54	1474.55	.01
560.13	564.17	4.081	33.95	1474.65	1474.64	-.01
564.79	568.85	4.061	33.96	1474.65	1474.65	.00
569.95	574.05	4.100	33.87	1474.80	1474.81	.00
575.11	579.25	4.022	34.04	1474.77	1474.76	-.01
579.74	583.92	4.149	33.62	1474.84	1474.85	.01
584.89	589.10	4.081	33.84	1474.92	1474.91	-.01
590.04	594.28	4.090	33.74	1474.92	1474.93	.01
595.17	599.46	4.071	33.80	1474.99	1474.98	-.01
599.79	604.11	4.090	33.70	1475.03	1475.04	.01
604.92	609.28	4.032	33.80	1474.99	1474.98	-.01

610.04	614.44	3.944	34.08	1475.07	1475.06	-.01
615.16	619.59	4.051	33.63	1475.03	1475.04	.01
619.76	624.22	3.993	33.74	1474.99	1474.98	-.01
624.87	629.37	3.944	33.92	1475.10	1475.10	-.01
629.97	634.51	3.973	33.81	1475.18	1475.19	.01
635.07	639.64	3.944	33.99	1475.37	1475.35	-.01
640.16	644.77	3.944	33.89	1475.33	1475.33	.01
645.25	649.89	3.924	33.96	1475.40	1475.40	.00
649.82	654.50	3.905	33.99	1475.44	1475.43	-.01
654.90	659.61	3.915	33.94	1475.52	1475.52	.00
659.97	664.72	3.915	33.88	1475.52	1475.53	.01
665.04	669.82	3.866	34.04	1475.59	1475.58	-.01
670.09	674.92	36.667	*****	1475.59	1563.11	-.01
675.15	680.01	10.908	*****	1475.63	1494.43	-.01
680.20	685.10	8.545	*****	1475.82	1485.73	-.01
685.24	690.18	7.509	*****	1475.78	1481.80	-.01
689.78	694.75	7.070	*****	1475.93	1480.15	-.01
694.82	699.82	7.538	*****	1475.97	1482.08	-.01
699.85	704.89	7.499	*****	1475.93	1482.01	-.01
704.87	709.95	6.728	*****	1475.93	1479.03	-.01
709.89	715.00	6.122	*****	1476.12	1476.68	-.01
714.91	720.05	30.952	*****	1476.19	1550.99	-.01
719.92	725.10	25.170	*****	1476.42	1538.05	-.01
724.92	730.14	19.748	*****	1476.57	1523.76	-.01
729.92	735.18	16.779	*****	1476.61	1515.00	-.01
734.91	740.21	14.493	*****	1476.64	1507.78	-.01
739.90	745.23	13.878	*****	1476.68	1505.82	-.01
744.89	750.25	14.259	*****	1476.87	1507.17	-.01
749.87	755.26	13.927	*****	1476.68	1506.15	-.01

XSVT PROBE #000579

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.972	31.74	1502.86	1502.87	.01
10.26	10.34	14.991	31.82	1503.10	1503.09	-.01
14.82	14.92	14.933	32.02	1503.21	1503.21	.00
19.94	20.08	14.904	32.13	1503.33	1503.33	.00
25.06	25.24	14.855	32.29	1503.45	1503.44	.00
30.17	30.39	14.737	32.31	1503.17	1503.17	.00
35.28	35.53	12.208	32.36	1494.92	1494.91	.00
39.81	40.10	11.18[illegible]	32.48	1491.57	1491.57	-.01
44.92	45.24	10.127	32.58	1488.01	1488.01	.00
50.01	50.37	9.902	32.71	1487.44	1487.43	-.01
55.10	55.50	9.521	32.65	1486.07	1486.08	.01
60.19	60.62	9.023	32.59	1484.24	1484.25	.01
65.28	65.75	8.457	32.62	1482.23	1482.23	.00
69.79	70.29	8.095	32.61	1480.94	1480.94	.00
74.87	75.41	7.900	32.76	1480.45	1480.44	-.01
79.94	80.51	7.636	32.74	1479.51	1479.52	.01
85.01	85.62	7.509	32.55	1478.87	1478.87	.01
90.07	90.72	7.275	32.76	1478.30	1478.29	-.01
95.13	95.81	7.177	32.72	1477.96	1477.97	.01
100.18	100.90	6.904	32.97	1477.28	1477.27	-.01
105.23	105.99	6.777	33.09	1477.02	1477.01	-.01
110.28	111.07	6.747	33.05	1476.94	1476.95	.00
114.76	115.59	6.659	33.19	1476.83	1476.83	.01
119.80	120.66	6.581	33.09	1476.49	1476.50	.01
124.83	125.73	6.474	33.31	1476.42	1476.41	-.01
129.86	130.80	6.425	33.37	1476.38	1476.38	.00
134.89	135.86	6.415	33.35	1476.42	1476.42	.00
139.91	140.92	6.415	33.32	1476.46	1476.46	.01
144.93	145.97	6.347	33.57	1476.57	1476.57	.00
149.94	151.02	6.327	33.59	1476.61	1476.59	-.01
154.95	156.06	6.327	33.58	1476.68	1476.69	.01
159.95	161.11	6.308	33.64	1476.76	1476.74	-.01
164.95	166.14	6.259	33.76	1476.79	1476.78	-.01
169.95	171.17	6.298	33.63	1476.87	1476.88	.01
174.94	176.20	6.239	33.79	1476.91	1476.91	.00
179.93	181.23	6.171	33.82	1476.76	1476.76	.00
184.91	186.24	6.181	33.77	1476.83	1476.84	.01
189.89	191.26	6.132	33.74	1476.68	1476.69	.01
194.87	196.27	6.054	33.87	1476.61	1476.60	-.01
199.84	201.28	6.034	33.90	1476.64	1476.64	-.01
204.81	206.28	5.966	33.96	1476.53	1476.52	-.01
209.77	211.28	5.858	34.03	1476.27	1476.26	-.01
214.73	216.27	5.761	34.04	1475.97	1475.97	.00
220.23	221.82	5.712	33.87	1475.67	1475.67	.00
225.18	226.80	5.604	34.13	1475.63	1475.62	-.01
230.12	231.78	5.614	33.94	1475.52	1475.53	.01
235.07	236.76	5.585	33.98	1475.52	1475.52	.00
240.00	241.73	5.546	33.97	1475.44	1475.45	.01
244.93	246.70	5.526	33.88	1475.33	1475.34	.01
249.86	251.66	5.380	34.17	1475.18	1475.17	-.01
254.79	256.62	5.360	33.95	1474.92	1474.92	.00
260.25	262.13	5.243	34.12	1474.73	1474.72	.00
265.17	267.08	5.214	33.99	1474.54	1474.55	.01
270.08	272.02	5.096	34.20	1474.39	1474.39	.00
274.99	276.97	5.165	33.87	1474.35	1474.36	.00

279.89	281.90	5.077	34.04	1474.28	1474.27	-.01
284.79	286.84	5.057	34.03	1474.28	1474.28	.00
290.23	292.31	4.989	34.10	1474.17	1474.15	-.01
295.11	297.24	4.979	34.06	1474.17	1474.17	.00
300.00	302.16	4.979	33.94	1474.09	1474.10	.01
304.88	307.08	4.930	33.86	1473.87	1473.87	.01
309.76	311.99	4.823	33.97	1473.64	1473.63	-.01
315.17	317.44	4.764	34.04	1473.57	1473.57	.00
320.04	322.34	4.637	34.32	1473.49	1473.48	-.01
324.90	327.24	4.696	34.00	1473.42	1473.42	.00
329.76	332.14	4.696	33.88	1473.34	1473.35	.00
335.16	337.57	4.657	33.98	1473.38	1473.38	.00
340.01	342.46	4.657	33.90	1473.38	1473.38	.00
344.85	347.34	4.598	34.07	1473.42	1473.41	-.01
350.23	352.76	4.540	34.16	1473.38	1473.37	-.01
355.07	357.63	4.618	33.84	1473.38	1473.39	.01
359.91	362.50	4.608	33.88	1473.45	1473.45	.00
364.73	367.36	4.491	34.22	1473.49	1473.48	-.01
370.09	372.76	4.501	34.11	1473.49	1473.50	.01
374.92	377.61	4.520	34.05	1473.57	1473.58	.01
380.27	383.00	4.452	34.15	1473.49	1473.49	.00
385.08	387.85	4.432	34.14	1473.49	1473.50	.00
389.88	392.69	4.481	34.01	1473.60	1473.61	.01
395.22	398.07	4.481	33.88	1473.53	1473.53	.00
400.02	402.90	4.344	34.27	1473.53	1473.52	-.01
404.81	407.73	4.315	34.36	1473.60	1473.59	-.01
410.13	413.09	4.335	34.13	1473.49	1473.49	.00
414.92	417.91	4.325	34.11	1473.49	1473.50	.01
420.23	423.26	4.315	34.10	1473.53	1473.54	.01
425.01	428.07	4.295	34.14	1473.57	1473.56	-.01
429.78	432.87	4.247	34.27	1473.60	1473.60	.00
435.08	438.21	4.295	34.06	1473.64	1473.65	.00
439.84	443.01	4.227	34.23	1473.64	1473.63	-.01
445.13	448.33	4.256	34.00	1473.57	1473.57	.01
449.88	453.12	4.159	34.32	1473.64	1473.63	-.01
455.16	458.44	4.227	34.11	1473.75	1473.76	.00
459.90	463.22	4.168	34.34	1473.87	1473.86	-.01
465.17	468.52	4.208	34.10	1473.83	1473.83	.00
469.91	473.29	4.188	34.08	1473.79	1473.80	.01
475.17	478.59	4.168	34.17	1473.90	1473.89	-.01
479.89	483.35	4.237	33.97	1474.02	1474.02	.01
485.14	488.63	4.139	34.26	1474.05	1474.05	.00
489.86	493.39	4.217	34.02	1474.17	1474.17	.00
495.10	498.66	4.159	34.33	1474.39	1474.39	.00
499.81	503.41	4.188	34.19	1474.43	1474.43	.00
505.04	508.67	4.139	34.21	1474.32	1474.31	.00
510.26	513.93	4.110	34.29	1474.39	1474.38	-.01
514.96	518.66	4.159	33.98	1474.28	1474.29	.01
520.17	523.91	4.081	34.23	1474.35	1474.34	-.01
524.86	528.63	4.100	34.34	1474.65	1474.64	-.01
530.06	533.88	4.061	34.22	1474.43	1474.44	.01
535.26	539.11	4.090	34.06	1474.43	1474.44	.01
539.93	543.82	3.963	34.48	1474.50	1474.50	.00
545.12	549.04	4.081	34.05	1474.54	1474.55	.01
549.78	553.74	3.983	34.35	1474.58	1474.58	.00
554.96	558.96	4.061	34.07	1474.65	1474.65	.00
560.13	564.17	3.993	34.30	1474.73	1474.72	.00
564.79	568.85	3.963	34.34	1474.73	1474.73	.00
569.95	574.05	4.012	34.25	1474.92	1474.93	.01
575.11	579.25	4.032	34.09	1474.88	1474.89	.01
579.74	583.92	4.081	33.96	1474.99	1475.00	.01
584.89	589.10	3.993	34.21	1475.03	1475.02	-.01
590.04	594.28	3.944	34.28	1474.99	1474.99	-.01
595.17	599.46	3.973	34.20	1475.10	1475.11	.01
599.79	604.11	3.954	34.24	1475.14	1475.14	.00
604.92	609.28	3.875	34.43	1475.14	1475.13	-.01

610.04	614.44	3.875	34.38	1475.18	1475.18	.00
615.16	619.59	3.807	34.55	1475.18	1475.17	-.01
619.76	624.22	3.788	34.46	1475.07	1475.08	.01
624.87	629.37	3.827	34.35	1475.18	1475.18	.01
629.97	634.51	3.866	34.22	1475.25	1475.26	.01
635.07	639.64	3.856	34.28	1475.37	1475.36	-.01
640.16	644.77	3.846	34.27	1475.40	1475.41	.01
645.25	649.89	3.856	34.26	1475.52	1475.53	.01
649.82	654.50	3.827	34.30	1475.52	1475.51	-.01
654.90	659.61	3.807	34.29	1475.52	1475.52	.00
659.97	664.72	3.778	34.36	1475.55	1475.54	-.01
665.04	669.82	3.807	34.28	1475.67	1475.67	.01
670.10	674.92	3.817	34.18	1475.67	1475.67	.00
675.15	680.01	3.875	33.99	1475.74	1475.75	.01
680.20	685.10	3.748	34.41	1475.82	1475.82	.00
685.25	690.18	3.739	34.39	1475.85	1475.86	.01
689.79	694.75	3.768	34.32	1475.97	1475.97	.00
694.82	699.82	3.758	34.39	1476.08	1476.07	-.01
699.85	704.89	3.768	34.28	1476.08	1476.08	.00
704.88	709.95	3.778	34.16	1476.04	1476.05	.01
709.90	715.01	3.758	34.40	1476.34	1476.33	-.01
714.91	720.06	3.973	33.68	1476.42	1476.42	.00
719.92	725.11	3.788	34.32	1476.53	1476.52	-.01
724.93	730.15	3.827	34.15	1476.57	1476.58	.01
729.93	735.18	3.788	34.34	1476.72	1476.71	.00
734.92	740.21	3.739	34.41	1476.68	1476.68	.00
739.91	745.24	3.719	34.55	1476.87	1476.86	-.01
744.89	750.26	3.719	34.42	1476.79	1476.80	.01
749.87	755.27	3.739	34.26	1476.76	1476.76	.00
754.84	760.28	3.670	34.43	1476.76	1476.74	-.01
759.81	765.28	3.670	34.42	1476.83	1476.84	.01
764.78	770.28	3.661	34.36	1476.79	1476.81	.01
770.23	775.77	3.602	34.61	1476.94	1476.94	.00
775.18	780.76	3.563	34.60	1476.87	1476.87	.00
780.13	785.74	3.573	34.53	1476.91	1476.91	.00
785.07	790.72	3.524	34.70	1476.98	1476.98	-.01
790.01	795.69	3.563	34.47	1476.94	1476.95	.01
794.94	800.66	3.553	34.57	1477.09	1477.09	.00
799.86	805.62	3.602	34.42	1477.21	1477.21	.01
804.78	810.58	3.524	34.71	1477.32	1477.32	.01
810.19	816.02	3.573	34.47	1477.32	1477.33	.01
815.10	820.97	3.553	34.51	1477.36	1477.35	-.01
820.00	825.91	3.612	34.30	1477.43	1477.43	.00
824.90	830.84	3.563	34.44	1477.47	1477.46	-.01
829.80	835.77	3.514	34.60	1477.55	1477.54	.00
835.18	841.19	3.543	34.45	1477.58	1477.57	-.00
840.06	846.11	3.475	34.65	1477.62	1477.61	-.01
844.94	851.02	3.504	34.54	1477.70	1477.70	.00
849.81	855.93	3.495	34.55	1477.73	1477.73	.00
855.16	861.32	3.475	34.57	1477.77	1477.76	-.01
860.03	866.22	3.475	34.60	1477.89	1477.88	-.01
864.88	871.11	3.446	34.69	1477.96	1477.95	-.01
870.22	876.49	3.495	34.45	1477.96	1477.96	.00

XSVT PROBE #000580

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.806	32.10	1502.75	1502.74	-.01
10.26	10.34	14.845	32.05	1502.90	1502.91	.01
14.82	14.92	14.845	32.13	1503.06	1503.06	.00
19.94	20.08	14.816	32.23	1503.17	1503.16	-.01
25.06	25.24	14.816	32.22	1503.25	1503.26	.01
30.17	30.39	14.757	32.38	1503.33	1503.32	-.01
35.28	35.53	12.833	31.76	1496.35	1496.35	.01
39.81	40.10	11.241	32.59	1491.92	1491.91	-.01
44.92	45.24	10.557	32.66	1489.66	1489.65	-.01
50.01	50.37	10.000	32.63	1487.71	1487.72	.01
55.10	55.50	9.619	32.64	1486.41	1486.40	-.01
60.19	60.62	9.258	32.50	1485.00	1485.01	.01
65.28	65.75	8.720	32.02	1482.50	1482.50	.01
69.79	70.29	8.896	30.07	1480.83	1480.84	.01
74.87	75.41	8.554	30.41	1480.04	1480.03	-.01
79.94	80.51	8.095	31.21	1479.36	1479.35	.00
85.01	85.62	7.734	31.53	1478.45	1478.45	.00
90.07	90.72	7.490	31.88	1478.04	1478.03	-.01
95.13	95.81	7.333	31.78	1477.40	1477.40	.00
100.18	100.90	7.197	32.00	1477.21	1477.20	.00
105.23	105.99	7.070	32.09	1476.91	1476.90	.00
110.28	111.07	6.991	32.18	1476.79	1476.79	.00
114.76	115.59	6.962	32.11	1476.68	1476.69	.01
119.80	120.66	6.757	32.43	1476.34	1476.34	.00
124.83	125.73	6.728	32.41	1476.30	1476.31	.00
129.86	130.80	6.689	32.42	1476.23	1476.22	.00
134.89	135.86	6.659	32.51	1476.30	1476.30	.00
139.91	140.92	6.640	32.56	1476.38	1476.37	-.01
144.93	145.97	6.611	32.62	1476.42	1476.41	.00
149.94	151.02	6.581	32.68	1476.46	1476.45	.00
154.95	156.06	6.474	33.04	1476.57	1476.57	.00
159.95	161.11	6.542	32.78	1476.61	1476.61	.01
164.95	166.14	6.532	32.77	1476.64	1476.64	.00
169.95	171.17	6.405	33.15	1476.68	1476.68	-.01
174.94	176.20	6.444	32.95	1476.68	1476.69	.00
179.93	181.23	6.347	33.11	1476.57	1476.56	-.01
184.91	186.24	6.308	33.20	1476.61	1476.60	-.01
189.89	191.26	6.298	33.19	1476.64	1476.65	.01
194.87	196.27	6.230	33.20	1476.46	1476.45	.00
199.84	201.28	6.269	33.03	1476.49	1476.50	.01
204.81	206.28	6.132	33.35	1476.42	1476.41	.00
209.77	211.28	6.044	33.28	1476.08	1476.08	.00
214.73	216.27	5.985	33.20	1475.82	1475.83	.01
220.23	221.82	5.897	33.24	1475.59	1475.59	.00
225.18	226.80	5.839	33.33	1475.55	1475.55	.00
230.12	231.78	5.839	33.10	1475.37	1475.37	.00
235.07	236.76	5.790	33.23	1475.40	1475.39	-.01
240.00	241.73	5.790	33.38	1475.67	1475.66	.00
244.93	246.70	5.702	33.35	1475.37	1475.38	.01
249.86	251.66	5.653	33.17	1475.03	1475.03	.00
254.79	256.62	5.575	33.19	1474.80	1474.80	.00
260.25	262.13	5.468	33.18	1474.47	1474.47	.00
265.17	267.08	5.438	33.10	1474.32	1474.32	.01
270.08	272.02	5.302	33.24	1474.02	1474.01	-.01
274.99	276.97	5.370	33.16	1474.28	1474.29	.01

279.89	281.90	5.350	33.13	1474.24	1474.25	.01
284.79	286.84	5.331	33.14	1474.24	1474.24	.00
290.23	292.31	5.321	32.97	1474.09	1474.10	.00
295.11	297.24	5.272	32.99	1473.98	1473.98	.00
300.00	302.16	5.331	32.72	1473.98	1473.98	.00
304.88	307.08	5.272	32.61	1473.68	1473.68	.00
309.76	311.99	5.145	32.91	1473.60	1473.60	-.01
315.17	317.44	5.057	33.12	1473.60	1473.59	-.01
320.04	322.34	5.028	33.03	1473.46	1473.46	.01
324.90	327.24	5.038	32.81	1473.30	1473.31	.00
329.76	332.14	4.969	32.90	1473.19	1473.19	.00
335.16	337.57	4.872	33.14	1473.19	1473.19	.00
340.01	342.46	4.891	33.09	1473.30	1473.31	.00
344.85	347.34	4.891	33.06	1473.34	1473.35	.01
350.23	352.76	4.852	33.03	1473.23	1473.24	.01
355.07	357.63	4.833	33.07	1473.27	1473.26	.00
359.91	362.50	4.794	33.16	1473.30	1473.30	-.01
364.73	367.36	4.862	32.93	1473.38	1473.39	.01
370.09	372.76	4.794	33.06	1473.34	1473.34	.00
374.92	377.61	4.735	33.10	1473.23	1473.22	.00
380.27	383.00	4.725	33.18	1473.38	1473.37	-.01
385.08	387.85	4.784	32.80	1473.23	1473.24	.01
389.88	392.69	4.745	32.99	1473.38	1473.37	-.01
395.22	398.07	4.706	33.05	1473.38	1473.37	.00
400.02	402.90	4.667	33.11	1473.38	1473.37	-.01
404.81	407.73	4.657	33.07	1473.38	1473.38	.00
410.13	413.09	4.628	33.04	1473.30	1473.31	.01
414.92	417.91	4.618	33.08	1473.38	1473.37	-.01
420.23	423.26	4.628	32.97	1473.38	1473.39	.01
425.01	428.07	4.608	33.01	1473.42	1473.41	-.01
429.78	432.87	4.559	33.08	1473.38	1473.37	-.01
435.08	438.21	4.549	33.16	1473.53	1473.52	-.01
439.84	443.01	4.520	33.22	1473.57	1473.55	-.01
445.13	448.33	4.501	33.25	1473.60	1473.60	.00
449.88	453.12	4.501	33.15	1473.57	1473.58	.01
455.16	458.44	4.520	33.08	1473.64	1473.65	.01
459.90	463.22	4.403	33.52	1473.79	1473.78	-.01
465.17	468.52	4.471	33.19	1473.75	1473.75	.00
469.91	473.29	4.422	33.17	1473.60	1473.60	.00
475.17	478.59	4.432	33.29	1473.87	1473.86	-.01
479.89	483.35	4.383	33.39	1473.87	1473.86	.00
485.14	488.63	4.383	33.37	1473.94	1473.95	.01
489.86	493.39	4.403	33.40	1474.13	1474.12	-.01
495.10	498.66	4.403	33.45	1474.28	1474.27	-.01
499.81	503.41	4.403	33.48	1474.39	1474.39	.00
505.04	508.67	4.305	33.55	1474.17	1474.16	-.01
510.26	513.93	4.325	33.41	1474.17	1474.17	.01
514.96	518.66	4.276	33.58	1474.24	1474.24	.00
520.17	523.91	4.256	33.54	1474.20	1474.21	.01
524.86	528.63	4.237	33.66	1474.35	1474.34	-.01
530.06	533.88	4.247	33.50	1474.28	1474.29	.01
535.26	539.11	4.188	33.69	1474.35	1474.35	-.01
539.93	543.82	4.208	33.59	1474.39	1474.40	.01
545.12	549.04	4.227	33.67	1474.65	1474.64	-.01
549.78	553.74	4.188	33.58	1474.47	1474.47	.00
554.96	558.96	4.208	33.39	1474.39	1474.39	.00
560.13	564.17	4.198	33.51	1474.58	1474.56	-.01
564.79	568.85	4.110	33.77	1474.62	1474.61	-.01
569.95	574.05	4.217	33.38	1474.65	1474.66	.01
575.11	579.25	4.129	33.72	1474.80	1474.79	-.01
579.74	583.92	4.168	33.47	1474.73	1474.74	.01
584.89	589.10	4.188	33.45	1474.88	1474.88	.00
590.04	594.28	4.129	33.59	1474.88	1474.87	-.01
595.17	599.46	4.129	33.54	1474.92	1474.92	.00
599.79	604.11	4.159	33.39	1474.92	1474.93	.01
604.92	609.28	4.090	33.58	1474.95	1474.94	-.01

610.04	614.44	4.120	33.38	1474.92	1474.92	.00
615.16	619.59	4.042	33.55	1474.88	1474.87	-.01
619.76	624.22	4.022	33.59	1474.92	1474.91	.00
624.87	629.37	4.032	33.54	1474.99	1475.00	.01
629.97	634.51	4.168	33.15	1475.14	1475.15	.01
635.07	639.64	4.168	33.21	1475.29	1475.29	.00
640.16	644.77	4.168	33.13	1475.29	1475.29	.00
645.25	649.89	4.139	33.26	1475.40	1475.40	-.01
649.82	654.50	4.100	33.33	1475.40	1475.40	.00
654.90	659.61	4.120	33.19	1475.40	1475.41	.01
659.97	664.72	4.090	33.32	1475.52	1475.51	.00
665.04	669.82	4.110	33.21	1475.55	1475.56	.01
670.10	674.92	4.071	33.25	1475.52	1475.51	-.01
675.15	680.01	4.100	33.14	1475.59	1475.60	.01
680.20	685.10	3.963	33.59	1475.67	1475.66	.00
685.25	690.18	4.042	33.26	1475.67	1475.68	.01
689.79	694.75	3.993	33.57	1475.93	1475.92	-.01
694.82	699.82	3.993	33.53	1475.97	1475.98	.01
699.85	704.89	3.973	33.68	1476.15	1476.14	-.01
704.88	709.95	3.954	33.71	1476.19	1476.19	-.01
709.90	715.01	3.817	34.06	1476.15	1476.14	-.01
714.91	720.06	3.758	34.37	1476.38	1476.38	.00
719.92	725.11	3.875	33.94	1476.42	1476.42	.01
724.93	730.15	3.875	33.88	1476.42	1476.43	.01
729.93	735.18	3.866	34.08	1476.72	1476.71	-.01
734.92	740.21	3.924	33.71	1476.57	1476.58	.01
739.91	745.24	3.895	33.83	1476.68	1476.67	-.01
744.89	750.26	3.856	33.87	1476.64	1476.64	.00
749.87	755.27	3.866	33.82	1476.72	1476.73	.01
754.84	760.28	3.866	33.73	1476.68	1476.69	.01
759.81	765.28	3.768	34.02	1476.72	1476.71	-.01
764.78	770.28	3.748	33.96	1476.64	1476.66	.01
770.23	775.77	3.768	33.85	1476.68	1476.69	.01
775.18	780.76	3.651	34.18	1476.68	1476.68	.00
780.13	785.74	3.748	33.85	1476.76	1476.77	.01
785.07	790.72	3.758	33.88	1476.91	1476.90	.00
790.01	795.69	3.670	34.01	1476.79	1476.78	-.01
794.94	800.66	3.690	33.85	1476.76	1476.77	.01
799.86	805.62	3.758	33.74	1476.98	1476.99	.01
804.78	810.58	3.709	33.96	1477.13	1477.13	-.01
810.19	816.02	3.641	34.11	1477.13	1477.12	-.01
815.10	820.97	3.680	33.97	1477.21	1477.21	.01
820.00	825.91	3.661	34.07	1477.32	1477.32	.00
824.90	830.84	3.661	33.96	1477.28	1477.28	.00
829.80	835.77	3.612	34.07	1477.28	1477.27	-.01
835.18	841.19	3.592	34.19	1477.43	1477.43	.00
840.06	846.11	3.621	34.05	1477.47	1477.48	.01
844.94	851.02	3.670	34.00	1477.70	1477.70	.01
849.81	855.93	3.612	34.08	1477.62	1477.62	.00
855.16	861.32	3.465	34.52	1477.66	1477.65	-.01
860.03	866.22	3.397	34.71	1477.70	1477.69	-.01
864.88	871.11	3.514	34.34	1477.81	1477.81	.00
870.22	876.49	3.602	34.07	1477.92	1477.93	.00

XSVT PROBE #000581

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.786	32.29	1502.90	1502.89	-.01
10.26	10.34	14.816	32.30	1503.10	1503.09	-.01
14.82	14.92	14.806	32.40	1503.25	1503.25	-.01
19.94	20.08	14.708	32.66	1503.33	1503.32	-.01
25.06	25.24	14.728	32.59	1503.41	1503.41	.00
30.17	30.39	14.659	32.75	1503.45	1503.44	-.01
35.28	35.53	14.542	32.56	1502.94	1502.94	.00
39.81	40.10	11.465	32.44	1492.53	1492.54	.00
44.92	45.24	10.791	32.79	1490.65	1490.64	-.01
50.01	50.37	10.117	32.82	1488.36	1488.35	-.01
55.10	55.50	9.443	32.89	1486.07	1486.06	-.01
60.19	60.62	9.375	32.86	1485.88	1485.88	.00
65.28	65.75	8.662	33.10	1483.60	1483.59	-.01
69.79	70.29	8.291	32.99	1482.15	1482.16	.00
74.87	75.41	7.880	32.90	1480.56	1480.57	.00
79.94	80.51	7.578	32.99	1479.58	1479.58	.00
85.01	85.62	7.363	32.97	1478.83	1478.83	.01
90.07	90.72	7.226	33.04	1478.45	1478.45	.00
95.13	95.81	7.040	33.16	1477.96	1477.96	.00
100.18	100.90	6.923	33.15	1477.58	1477.60	.01
105.23	105.99	6.659	33.52	1477.09	1477.08	-.01
110.28	111.07	6.640	33.33	1476.87	1476.88	.01
114.76	115.59	6.620	33.46	1477.02	1477.01	-.01
119.80	120.66	6.532	33.36	1476.64	1476.65	.00
124.83	125.73	6.396	33.58	1476.46	1476.44	-.01
129.86	130.80	6.366	33.64	1476.49	1476.48	-.01
134.89	135.86	6.317	33.73	1476.49	1476.48	-.01
139.91	140.92	6.308	33.72	1476.53	1476.54	.01
144.93	145.97	6.347	33.65	1476.68	1476.69	.01
149.94	151.02	6.220	33.96	1476.64	1476.64	-.01
154.95	156.06	6.308	33.64	1476.68	1476.69	.01
159.95	161.11	6.181	34.04	1476.76	1476.75	-.01
164.95	166.14	6.220	33.91	1476.83	1476.84	.01
169.95	171.17	6.259	33.75	1476.87	1476.88	.01
174.94	176.20	6.132	34.09	1476.87	1476.86	-.01
179.93	181.23	6.063	34.28	1476.91	1476.91	.00
184.91	186.24	6.132	33.89	1476.79	1476.80	.00
189.89	191.26	6.054	34.06	1476.76	1476.76	.00
194.87	196.27	6.024	34.05	1476.72	1476.73	.01
199.84	201.28	5.976	34.14	1476.72	1476.71	-.01
204.81	206.28	5.937	34.17	1476.68	1476.67	-.01
209.77	211.28	5.966	34.04	1476.72	1476.73	.01
214.73	216.27	5.819	34.86	1477.25	1477.24	-.01
220.23	221.82	5.731	34.14	1476.08	1476.09	.01
225.18	226.80	5.614	34.12	1475.67	1475.67	.01
230.12	231.78	5.634	34.02	1475.70	1475.71	.01
235.07	236.76	5.516	34.22	1475.55	1475.54	-.01
240.00	241.73	5.458	34.26	1475.44	1475.44	.00
244.93	246.70	5.419	34.22	1475.33	1475.34	.01
249.86	251.66	5.399	34.10	1475.18	1475.19	.01
254.79	256.62	5.282	34.21	1474.92	1474.91	-.01
260.25	262.13	5.145	34.34	1474.62	1474.61	-.01
265.17	267.08	5.145	34.18	1474.50	1474.51	.01
270.08	272.02	5.106	34.12	1474.35	1474.35	.00
274.99	276.97	5.057	34.20	1474.32	1474.31	-.01

279.89	281.90	5.009	34.19	1474.20	1474.21	.00
284.79	286.84	5.009	34.16	1474.24	1474.25	.01
290.23	292.31	4.969	34.17	1474.17	1474.16	.00
295.11	297.24	4.940	34.20	1474.17	1474.16	.00
300.00	302.16	4.891	34.29	1474.17	1474.16	-.01
304.88	307.08	4.872	34.13	1473.98	1473.98	.00
309.76	311.99	4.774	34.25	1473.79	1473.79	.00
315.17	317.44	4.716	34.28	1473.68	1473.67	.00
320.04	322.34	4.755	34.05	1473.64	1473.65	.01
324.90	327.24	4.667	34.13	1473.45	1473.44	-.01
329.76	332.14	4.559	34.30	1473.30	1473.29	-.01
335.16	337.57	4.569	34.25	1473.38	1473.38	.01
340.01	342.46	4.540	34.26	1473.34	1473.33	-.01
344.85	347.34	4.520	34.23	1473.30	1473.32	.01
350.23	352.76	4.510	34.26	1473.38	1473.37	.00
355.07	357.63	4.530	34.15	1473.42	1473.42	.01
359.91	362.50	4.530	34.06	1473.38	1473.39	.01
364.73	367.36	4.413	34.41	1473.42	1473.40	-.01
370.09	372.76	4.452	34.18	1473.38	1473.38	.01
374.92	377.61	4.413	34.31	1473.45	1473.44	-.01
380.27	383.00	4.383	34.34	1473.45	1473.44	-.01
385.08	387.85	4.403	34.24	1473.49	1473.50	.01
389.88	392.69	4.374	34.21	1473.42	1473.42	.01
395.22	398.07	4.305	34.40	1473.45	1473.44	-.01
400.02	402.90	4.325	34.27	1473.45	1473.46	.01
404.81	407.73	4.335	34.20	1473.49	1473.49	.00
410.13	413.09	4.344	34.23	1473.64	1473.63	-.01
414.92	417.91	4.276	34.30	1473.53	1473.52	-.01
420.23	423.26	4.208	34.48	1473.57	1473.55	-.01
425.01	428.07	4.247	34.29	1473.57	1473.58	.01
429.78	432.87	4.256	34.26	1473.64	1473.65	.01
435.08	438.21	4.188	34.39	1473.60	1473.60	-.01
439.84	443.01	4.139	34.46	1473.57	1473.56	.00
445.13	448.33	4.168	34.26	1473.53	1473.54	.01
449.88	453.12	4.178	34.25	1473.64	1473.65	.01
455.16	458.44	4.168	34.28	1473.72	1473.70	-.01
459.90	463.22	4.168	34.34	1473.87	1473.86	-.01
465.17	468.52	4.198	34.17	1473.87	1473.88	.01
469.91	473.29	4.139	34.34	1473.90	1473.90	.00
475.17	478.59	4.110	34.42	1473.98	1473.97	-.01
479.89	483.35	4.110	34.51	1474.17	1474.16	.00
485.14	488.63	4.110	34.40	1474.13	1474.13	.01
489.86	493.39	4.139	34.43	1474.35	1474.35	-.01
495.10	498.66	4.168	34.29	1474.39	1474.40	.01
499.81	503.41	4.100	34.31	1474.20	1474.19	-.01
505.04	508.67	4.120	34.29	1474.35	1474.36	.01
510.26	513.93	4.129	34.19	1474.35	1474.36	.00
514.96	518.66	4.032	34.43	1474.32	1474.31	.00
520.17	523.91	4.081	34.25	1474.39	1474.40	.01
524.86	528.63	4.002	34.46	1474.39	1474.39	.00
530.06	533.88	3.895	34.65	1474.28	1474.27	-.01
535.26	539.11	3.954	34.44	1474.35	1474.36	.01
539.93	543.82	3.993	34.31	1474.43	1474.43	.00
545.12	549.04	4.002	34.34	1474.58	1474.57	-.01
549.78	553.74	3.954	34.41	1474.54	1474.53	-.01
554.96	558.96	3.963	34.39	1474.65	1474.66	.00
560.13	564.17	3.993	34.29	1474.73	1474.74	.01
564.79	568.85	3.973	34.30	1474.73	1474.72	-.01
569.95	574.05	3.983	34.25	1474.80	1474.81	.00
575.11	579.25	3.993	34.21	1474.88	1474.88	.00
579.74	583.92	3.924	34.45	1474.95	1474.95	.00
584.89	589.10	3.895	34.47	1474.95	1474.94	-.01
590.04	594.28	3.905	34.40	1474.99	1475.00	.01
595.17	599.46	3.944	34.29	1475.10	1475.11	.01
599.79	604.11	3.866	34.52	1475.14	1475.13	-.01
604.92	609.28	3.856	34.45	1475.10	1475.11	.00

610.04	614.44	3.856	34.42	1475.14	1475.15	.01
615.16	619.59	3.895	34.14	1475.03	1475.04	.01
619.76	624.22	3.788	34.47	1475.07	1475.07	.00
624.87	629.37	3.778	34.52	1475.18	1475.17	-.01
629.97	634.51	3.797	34.54	1475.37	1475.36	.00
635.07	639.64	3.817	34.34	1475.29	1475.30	.01
640.16	644.77	3.788	34.50	1475.44	1475.44	.00
645.25	649.89	3.856	34.20	1475.44	1475.45	.01
649.82	654.50	3.788	34.40	1475.48	1475.47	-.01
654.90	659.61	3.739	34.55	1475.55	1475.54	-.01
659.97	664.72	3.709	34.62	1475.59	1475.59	.00
665.04	669.82	3.709	34.57	1475.63	1475.63	.01
670.10	674.92	3.709	34.54	1475.67	1475.68	.01
675.15	680.01	3.709	34.47	1475.67	1475.67	.00
680.20	685.10	3.700	34.53	1475.78	1475.77	-.01
685.25	690.18	3.709	34.52	1475.89	1475.90	.01
689.79	694.75	3.758	34.50	1476.15	1476.16	.00
694.82	699.82	3.768	34.43	1476.19	1476.19	.00
699.85	704.89	3.739	34.50	1476.23	1476.22	-.01
704.88	709.95	3.739	34.56	1476.38	1476.38	.00
709.90	715.01	3.739	34.58	1476.49	1476.49	-.01
714.91	720.06	3.661	34.71	1476.42	1476.41	-.01
719.92	725.11	3.758	34.47	1476.61	1476.62	.01
724.93	730.15	3.719	34.57	1476.64	1476.64	-.01
729.93	735.18	3.670	34.72	1476.72	1476.71	-.01
734.92	740.21	3.719	34.49	1476.72	1476.73	.01
739.91	745.24	3.631	34.72	1476.72	1476.71	-.01
744.89	750.26	3.651	34.58	1476.72	1476.72	.00
749.87	755.27	3.700	34.42	1476.79	1476.80	.01
754.84	760.28	3.631	34.50	1476.68	1476.67	-.01
759.81	765.28	3.612	34.62	1476.83	1476.83	.00
764.78	770.28	3.621	34.49	1476.79	1476.81	.01
770.23	775.77	3.612	34.57	1476.94	1476.93	-.01
775.18	780.76	3.573	34.61	1476.91	1476.90	.00
780.13	785.74	3.504	34.77	1476.91	1476.90	-.01
785.07	790.72	3.573	34.62	1477.09	1477.11	.01
790.01	795.69	3.563	34.56	1477.06	1477.07	.01
794.94	800.66	3.553	34.62	1477.17	1477.16	-.01
799.86	805.62	3.465	34.85	1477.17	1477.17	-.01
804.78	810.58	3.553	34.66	1477.40	1477.40	.00
810.19	816.02	3.602	34.40	1477.36	1477.36	.00
815.10	820.97	3.475	34.82	1477.43	1477.42	-.01
820.00	825.91	3.563	34.38	1477.32	1477.33	.01
824.90	830.84	3.465	34.79	1477.51	1477.50	-.01
829.80	835.77	3.582	34.48	1477.70	1477.70	.00
835.18	841.19	3.455	34.72	1477.55	1477.54	-.01
840.06	846.11	3.485	34.61	1477.62	1477.63	.01
844.94	851.02	3.446	34.74	1477.70	1477.69	-.01
849.81	855.93	3.426	34.77	1477.73	1477.72	-.01
855.16	861.32	3.514	34.41	1477.73	1477.74	.01
860.03	866.22	3.426	34.73	1477.85	1477.84	-.01
864.88	871.11	3.426	34.69	1477.89	1477.89	.01
870.22	876.49	3.407	34.62	1477.81	1477.81	.00

XSVT PROBE #000582

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.835	32.06	1502.78	1502.78	.00
10.26	10.34	14.767	32.30	1502.94	1502.93	-.01
14.82	14.92	14.786	32.28	1503.06	1503.06	.01
19.94	20.08	14.777	32.37	1503.21	1503.20	-.01
25.06	25.24	14.757	32.42	1503.29	1503.28	-.01
30.17	30.39	14.708	32.52	1503.33	1503.32	-.01
35.28	35.53	13.702	32.02	1499.56	1499.57	.01
39.81	40.10	11.524	32.34	1492.61	1492.60	-.01
44.92	45.24	10.879	32.66	1490.81	1490.80	-.01
50.01	50.37	10.029	32.80	1488.01	1488.00	-.01
55.10	55.50	9.414	32.53	1485.53	1485.54	.00
60.19	60.62	9.238	32.75	1485.23	1485.22	-.01
65.28	65.75	8.740	32.77	1483.48	1483.47	-.01
69.79	70.29	8.379	32.83	1482.27	1482.27	.00
74.87	75.41	7.910	32.88	1480.64	1480.63	-.01
79.94	80.51	7.636	32.93	1479.73	1479.73	-.01
85.01	85.62	7.402	32.79	1478.75	1478.76	.01
90.07	90.72	7.294	32.89	1478.53	1478.52	.00
95.13	95.81	7.011	33.13	1477.81	1477.81	.00
100.18	100.90	6.894	33.06	1477.36	1477.37	.01
105.23	105.99	6.737	33.16	1476.94	1476.94	-.01
110.28	111.07	6.698	33.22	1476.94	1476.94	.00
114.76	115.59	6.689	33.18	1476.94	1476.96	.01
119.80	120.66	6.552	33.25	1476.57	1476.56	-.01
124.83	125.73	6.464	33.34	1476.42	1476.41	-.01
129.86	130.80	6.474	33.23	1476.42	1476.42	.00
134.89	135.86	6.386	33.40	1476.34	1476.34	.00
139.91	140.92	6.376	33.42	1476.42	1476.41	-.01
144.93	145.97	6.317	33.57	1476.48	1476.48	-.01
149.94	151.02	6.327	33.52	1476.53	1476.53	.00
154.95	156.06	6.269	33.74	1476.64	1476.63	-.01
159.95	161.11	6.259	33.70	1476.64	1476.65	.01
164.95	166.14	6.308	33.51	1476.68	1476.69	.01
169.95	171.17	6.210	33.76	1476.68	1476.67	-.01
174.94	176.20	6.190	33.85	1476.79	1476.79	-.01
179.93	181.23	6.181	33.74	1476.72	1476.72	.00
184.91	186.24	6.044	34.09	1476.68	1476.67	-.01
189.89	191.26	6.122	33.80	1476.72	1476.72	.01
194.87	196.27	6.044	33.99	1476.72	1476.71	-.01
199.84	201.28	5.956	34.12	1476.61	1476.60	.00
204.81	206.28	5.995	33.92	1476.61	1476.61	.01
209.77	211.28	5.888	34.29	1476.72	1476.71	-.01
214.73	216.27	5.819	34.08	1476.27	1476.27	.01
220.23	221.82	5.722	33.99	1475.85	1475.86	.01
225.18	226.80	5.653	34.01	1475.67	1475.67	.00
230.12	231.78	5.643	33.96	1475.67	1475.67	.00
235.07	236.76	5.575	34.04	1475.55	1475.55	.00
240.00	241.73	5.507	33.91	1475.22	1475.22	.00
244.93	246.70	5.399	34.14	1475.14	1475.13	-.01
249.86	251.66	5.331	34.11	1474.92	1474.92	.01
254.79	256.62	5.272	34.03	1474.65	1474.66	.01
260.25	262.13	5.204	34.00	1474.43	1474.44	.01
265.17	267.08	5.136	34.13	1474.39	1474.38	-.01
270.08	272.02	5.038	34.15	1474.09	1474.09	.00
274.99	276.97	5.116	33.88	1474.17	1474.17	.00

279.89	281.90	5.067	33.96	1474.13	1474.13	.00
284.79	286.84	4.969	34.15	1474.05	1474.05	-.01
290.23	292.31	4.940	34.10	1473.98	1473.98	.00
295.11	297.24	5.018	33.79	1473.98	1473.98	.01
300.00	302.16	4.940	34.02	1474.02	1474.01	.00
304.88	307.08	4.842	34.18	1473.90	1473.90	-.01
309.76	311.99	4.823	34.14	1473.87	1473.87	.01
315.17	317.44	4.774	34.05	1473.64	1473.64	.00
320.04	322.34	4.735	34.10	1473.60	1473.60	.00
324.90	327.24	4.657	34.28	1473.60	1473.59	-.01
329.76	332.14	4.618	34.05	1473.23	1473.24	.01
335.16	337.57	4.530	34.24	1473.19	1473.18	-.01
340.01	342.46	4.579	34.04	1473.23	1473.24	.01
344.85	347.34	4.559	33.98	1473.15	1473.16	.00
350.23	352.76	4.540	34.04	1473.23	1473.22	-.01
355.07	357.63	4.510	34.14	1473.30	1473.30	.00
359.91	362.50	4.501	34.16	1473.38	1473.37	-.01
364.73	367.36	4.491	34.06	1473.30	1473.30	.00
370.09	372.76	4.530	33.87	1473.30	1473.31	.01
374.92	377.61	4.442	34.16	1473.38	1473.37	-.01
380.27	383.00	4.442	34.08	1473.38	1473.38	.00
385.08	387.85	4.413	34.15	1473.42	1473.40	-.01
389.88	392.69	4.413	34.05	1473.38	1473.38	.00
395.22	398.07	4.374	34.12	1473.38	1473.37	-.01
400.02	402.90	4.315	34.28	1473.42	1473.41	-.01
404.81	407.73	4.325	34.15	1473.38	1473.39	.01
410.13	413.09	4.315	34.14	1473.42	1473.42	.01
414.92	417.91	4.276	34.36	1473.60	1473.59	-.01
420.23	423.26	4.266	34.17	1473.42	1473.42	.01
425.01	428.07	4.276	34.14	1473.49	1473.50	.01
429.78	432.87	4.247	34.18	1473.45	1473.45	.00
435.08	438.21	4.227	34.11	1473.42	1473.43	.01
439.84	443.01	4.198	34.24	1473.53	1473.53	.00
445.13	448.33	4.198	34.10	1473.45	1473.46	.00
449.88	453.12	4.129	34.27	1473.45	1473.44	-.01
455.16	458.44	4.159	34.19	1473.57	1473.58	.01
459.90	463.22	4.129	34.29	1473.64	1473.63	-.01
465.17	468.52	4.139	34.24	1473.72	1473.72	.01
469.91	473.29	4.090	34.52	1473.94	1473.93	-.01
475.17	478.59	4.237	34.03	1474.02	1474.02	.01
479.89	483.35	4.159	34.17	1473.94	1473.93	-.01
485.14	488.63	4.139	34.26	1474.05	1474.05	.00
489.86	493.39	4.061	34.48	1474.09	1474.08	-.01
495.10	498.66	4.139	34.15	1474.09	1474.10	.01
499.81	503.41	4.149	34.12	1474.17	1474.18	.01
505.04	508.67	4.071	34.31	1474.17	1474.16	-.01
510.26	513.93	4.051	34.30	1474.17	1474.17	.01
514.96	518.66	4.061	34.21	1474.17	1474.18	.01
520.17	523.91	4.022	34.31	1474.20	1474.20	.00
524.86	528.63	3.973	34.44	1474.24	1474.24	.00
530.06	533.88	4.002	34.26	1474.24	1474.24	.00
535.26	539.11	4.051	34.07	1474.28	1474.29	.01
539.93	543.82	3.963	34.30	1474.28	1474.27	-.01
545.12	549.04	3.934	34.42	1474.39	1474.38	-.01
549.78	553.74	4.061	33.94	1474.39	1474.40	.01
554.96	558.96	3.905	34.45	1474.47	1474.46	.00
560.13	564.17	3.905	34.50	1474.62	1474.61	.00
564.79	568.85	3.983	34.20	1474.65	1474.66	.00
569.95	574.05	3.973	34.21	1474.69	1474.69	.00
575.11	579.25	3.954	34.26	1474.77	1474.76	-.01
579.74	583.92	3.934	34.30	1474.80	1474.80	.00
584.89	589.10	3.885	34.33	1474.73	1474.72	-.01
590.04	594.28	3.885	34.38	1474.88	1474.87	-.01
595.17	599.46	3.895	34.30	1474.92	1474.92	.00
599.79	604.11	3.866	34.35	1474.92	1474.91	-.01
604.92	609.28	3.836	34.41	1474.95	1474.95	-.01

610.04	614.44	3.778	34.45	1474.84	1474.84	.00
615.16	619.59	3.817	34.24	1474.84	1474.84	.00
619.76	624.22	3.788	34.35	1474.92	1474.91	-.01
624.87	629.37	3.827	34.36	1475.18	1475.17	-.01
629.97	634.51	3.807	34.39	1475.22	1475.21	-.01
635.07	639.64	3.846	34.22	1475.25	1475.26	.01
640.16	644.77	3.817	34.28	1475.29	1475.28	-.01
645.25	649.89	3.817	34.27	1475.37	1475.37	.01
649.82	654.50	3.788	34.34	1475.40	1475.39	-.01
654.90	659.61	3.758	34.38	1475.40	1475.40	.00
659.97	664.72	3.807	34.17	1475.44	1475.45	.01
665.04	669.82	3.739	34.34	1475.44	1475.44	.00
670.10	674.92	3.758	34.32	1475.59	1475.60	.01
675.15	680.01	3.661	34.58	1475.59	1475.59	-.01
680.20	685.10	3.719	34.37	1475.67	1475.67	.00
685.25	690.18	3.709	34.50	1475.85	1475.85	.00
689.79	694.75	3.778	34.26	1475.93	1475.93	.00
694.82	699.82	3.788	34.38	1476.19	1476.19	-.01
699.85	704.89	3.748	34.47	1476.23	1476.22	-.01
704.88	709.95	3.709	34.97	1476.79	1476.78	-.01
709.90	715.01	3.758	34.42	1476.38	1476.39	.01
714.91	720.08	3.739	34.46	1476.42	1476.41	.00
719.92	725.11	3.719	34.45	1476.42	1476.43	.01
724.93	730.15	3.690	34.55	1476.49	1476.49	.00
729.93	735.18	3.739	34.34	1476.53	1476.53	.00
734.92	740.21	3.641	34.61	1476.53	1476.53	.00
739.91	745.24	3.758	34.27	1476.68	1476.69	.01
744.89	750.26	3.700	34.35	1476.61	1476.60	.00
749.87	755.27	3.621	34.66	1476.76	1476.75	.00
754.84	760.28	3.504	34.92	1476.68	1476.68	.00
759.81	765.28	3.592	34.56	1476.68	1476.69	.01
764.78	770.28	3.602	34.46	1476.68	1476.69	.00
770.23	775.77	3.553	34.56	1476.68	1476.67	-.01
775.18	780.78	3.543	34.58	1476.72	1476.73	.01
780.13	785.74	3.514	34.62	1476.76	1476.75	-.01
785.07	790.72	3.573	34.44	1476.87	1476.87	.00
790.01	795.69	3.573	34.45	1476.94	1476.94	.00
794.94	800.66	3.582	34.40	1477.02	1477.02	.00
799.86	805.62	3.573	34.47	1477.13	1477.13	.00
804.78	810.58	3.495	34.75	1477.25	1477.24	.00
810.19	816.02	3.514	34.60	1477.25	1477.25	.00
815.10	820.97	3.563	34.38	1477.25	1477.25	.00
820.00	825.91	3.495	34.61	1477.32	1477.31	-.01
824.90	830.84	3.485	34.67	1477.43	1477.43	.00
829.80	835.77	3.495	34.56	1477.43	1477.44	.00
835.18	841.19	3.504	34.55	1477.55	1477.55	.01
840.06	846.11	3.495	34.52	1477.55	1477.56	.01
844.94	851.02	3.455	34.63	1477.58	1477.58	.00
849.81	855.93	3.446	34.61	1477.62	1477.63	.00
855.16	861.32	3.407	34.65	1477.58	1477.58	-.01
860.03	866.22	3.387	34.77	1477.73	1477.73	-.01
864.88	871.11	3.416	34.60	1477.73	1477.74	.00
870.22	876.49	3.426	34.53	1477.77	1477.78	.00

XSVT PROBE #000583

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.816	32.08	1502.75	1502.74	.00
10.26	10.34	14.796	32.29	1503.02	1503.01	-.01
14.82	14.92	14.767	32.41	1503.13	1503.13	.00
19.94	20.08	14.757	32.46	1503.25	1503.24	-.01
25.06	25.24	14.737	32.51	1503.33	1503.32	-.01
30.17	30.39	14.698	32.55	1503.33	1503.33	.00
35.28	35.53	14.317	32.52	1502.16	1502.17	.01
39.81	40.10	11.270	32.76	1492.23	1492.21	-.01
44.92	45.24	10.996	32.53	1491.07	1491.08	.01
50.01	50.37	9.873	32.76	1487.40	1487.39	-.01
55.10	55.50	9.326	32.90	1485.65	1485.64	-.01
60.19	60.62	9.062	33.04	1484.93	1484.92	.00
65.28	65.75	8.701	32.94	1483.56	1483.56	.00
69.79	70.29	8.408	32.76	1482.31	1482.31	.01
74.87	75.41	7.861	32.82	1480.38	1480.37	-.01
79.94	80.51	7.617	33.05	1479.81	1479.80	-.01
85.01	85.62	7.372	32.97	1478.87	1478.87	.00
90.07	90.72	7.314	32.91	1478.64	1478.65	.01
95.13	95.81	7.040	33.10	1477.89	1477.88	.00
100.18	100.90	6.845	33.34	1477.51	1477.50	.00
105.23	105.99	6.767	33.15	1477.06	1477.07	.01
110.28	111.07	6.679	33.28	1476.94	1476.94	.00
114.76	115.59	6.591	33.40	1476.83	1476.82	-.01
119.80	120.66	6.484	33.46	1476.57	1476.56	-.01
124.83	125.73	6.444	33.45	1476.49	1476.49	.00
129.86	130.80	6.435	33.36	1476.42	1476.43	.01
134.89	135.86	6.376	33.55	1476.49	1476.49	.00
139.91	140.92	6.327	33.81	1476.72	1476.71	-.01
144.93	145.97	6.327	33.59	1476.53	1476.54	.01
149.94	151.02	6.269	33.78	1476.61	1476.60	.00
154.95	156.06	6.230	33.90	1476.68	1476.68	.00
159.95	161.11	6.288	33.64	1476.68	1476.69	.01
164.95	166.14	6.269	33.73	1476.79	1476.79	-.01
169.95	171.17	6.190	33.92	1476.79	1476.79	.00
174.94	176.20	6.142	34.03	1476.83	1476.82	-.01
179.93	181.23	6.161	33.81	1476.72	1476.73	.01
184.91	186.24	6.063	34.06	1476.72	1476.71	-.01
189.89	191.26	6.044	34.05	1476.72	1476.73	.01
194.87	196.27	5.966	34.21	1476.68	1476.68	-.01
199.84	201.28	6.093	33.64	1476.57	1476.57	.00
204.81	206.28	5.956	33.93	1476.46	1476.45	-.01
209.77	211.28	5.858	34.00	1476.23	1476.22	-.01
214.73	216.27	5.751	34.10	1476.00	1476.00	.00
220.23	221.82	5.692	34.12	1475.89	1475.88	-.01
225.18	226.80	5.614	34.13	1475.67	1475.66	-.01
230.12	231.78	5.653	33.93	1475.67	1475.67	.00
235.07	236.76	5.497	34.37	1475.67	1475.66	-.01
240.00	241.73	5.350	34.39	1475.18	1475.17	-.01
244.93	246.70	5.321	34.42	1475.18	1475.17	-.01
249.86	251.66	5.341	34.08	1474.92	1474.93	.01
254.79	256.62	5.243	34.13	1474.65	1474.65	-.01
260.25	262.13	5.233	33.87	1474.39	1474.39	.00
265.17	267.08	5.106	34.14	1474.28	1474.27	.00
270.08	272.02	5.106	34.04	1474.24	1474.25	.01
274.99	276.97	5.067	34.11	1474.24	1474.24	.00

279.89	281.90	4.979	34.30	1474.20	1474.20	.00
284.79	286.84	4.979	34.20	1474.17	1474.18	.01
290.23	292.31	4.969	34.10	1474.09	1474.10	.01
295.11	297.24	4.921	34.14	1474.02	1474.01	-.01
300.00	302.16	4.969	33.91	1474.02	1474.02	.00
304.88	307.08	4.842	34.21	1473.94	1473.93	-.01
309.76	311.99	4.823	34.05	1473.75	1473.76	.00
315.17	317.44	4.784	34.06	1473.68	1473.67	-.01
320.04	322.34	4.755	34.02	1473.60	1473.61	.00
324.90	327.24	4.818	34.23	1473.38	1473.37	-.01
329.76	332.14	4.579	34.30	1473.38	1473.38	.00
335.16	337.57	4.559	34.22	1473.30	1473.30	.00
340.01	342.46	4.637	33.91	1473.30	1473.31	.01
344.85	347.34	4.569	34.08	1473.30	1473.30	.00
350.23	352.76	4.510	34.20	1473.30	1473.30	-.01
355.07	357.63	4.510	34.16	1473.34	1473.35	.01
359.91	362.50	4.510	34.12	1473.38	1473.38	.00
364.73	367.36	4.501	34.16	1473.45	1473.45	-.01
370.09	372.76	4.481	34.06	1473.34	1473.35	.01
374.92	377.61	4.462	34.16	1473.42	1473.41	.00
380.27	383.00	4.403	34.28	1473.45	1473.45	.00
385.08	387.85	4.432	34.14	1473.49	1473.50	.00
389.88	392.69	4.442	33.99	1473.42	1473.42	.01
395.22	398.07	4.471	33.86	1473.45	1473.46	.01
400.02	402.90	4.354	34.18	1473.45	1473.44	-.01
404.81	407.73	4.305	34.28	1473.45	1473.45	-.01
410.13	413.09	4.305	34.23	1473.49	1473.50	.00
414.92	417.91	4.295	34.20	1473.49	1473.49	.00
420.23	423.26	4.286	34.19	1473.53	1473.53	.00
425.01	428.07	4.247	34.27	1473.53	1473.52	.00
429.78	432.87	4.325	33.92	1473.49	1473.50	.01
435.08	438.21	4.168	34.34	1473.45	1473.45	.00
439.84	443.01	4.139	34.37	1473.45	1473.45	-.01
445.13	448.33	4.178	34.20	1473.49	1473.50	.01
449.88	453.12	4.188	34.19	1473.60	1473.61	.01
455.16	458.44	4.168	34.26	1473.68	1473.68	.00
459.90	463.22	4.149	34.25	1473.68	1473.69	.01
465.17	468.52	4.188	34.14	1473.79	1473.80	.01
469.91	473.29	4.217	34.10	1473.94	1473.94	.00
475.17	478.59	4.188	34.26	1474.09	1474.09	.00
479.89	483.35	4.139	34.38	1474.13	1474.12	-.01
485.14	488.63	4.168	34.24	1474.17	1474.17	.00
489.86	493.39	4.110	34.26	1474.02	1474.01	-.01
495.10	498.66	4.129	34.21	1474.13	1474.13	.01
499.81	503.41	4.032	34.51	1474.17	1474.17	.00
505.04	508.67	4.051	34.37	1474.17	1474.18	.01
510.26	513.93	4.051	34.33	1474.20	1474.21	.01
514.96	518.66	4.042	34.27	1474.17	1474.17	.01
520.17	523.91	4.012	34.34	1474.20	1474.20	.00
524.86	528.63	4.002	34.27	1474.17	1474.17	.00
530.06	533.88	4.012	34.23	1474.24	1474.24	.00
535.26	539.11	3.983	34.36	1474.35	1474.35	.00
539.93	543.82	3.924	34.49	1474.35	1474.35	.00
545.12	549.04	3.924	34.47	1474.43	1474.43	.01
549.78	553.74	3.905	34.57	1474.54	1474.53	-.01
554.96	558.96	3.915	34.55	1474.66	1474.66	.01
560.13	564.17	3.944	34.39	1474.65	1474.66	.01
564.79	568.85	3.924	34.43	1474.69	1474.68	-.01
569.95	574.05	3.973	34.20	1474.69	1474.70	.01
575.11	579.25	3.983	34.23	1474.84	1474.84	.00
579.74	583.92	3.944	34.32	1474.88	1474.87	-.01
584.89	589.10	3.924	34.31	1474.88	1474.88	.00
590.04	594.28	3.885	34.41	1474.92	1474.91	-.01
595.17	599.46	3.924	34.24	1474.95	1474.96	.01
599.79	604.11	3.875	34.44	1475.07	1475.06	.00
604.92	609.28	3.866	34.39	1475.07	1475.07	.01

610.04	614.44	3.895	34.17	1474.99	1474.99	.00
615.16	619.59	3.768	34.50	1474.95	1474.94	-.01
619.76	624.22	3.827	34.24	1474.95	1474.96	.01
624.87	629.37	3.768	34.55	1475.18	1475.17	-.01
629.97	634.51	3.846	34.28	1475.25	1475.26	.00
635.07	639.64	3.807	34.47	1475.40	1475.40	-.01
640.16	644.77	3.846	34.27	1475.40	1475.41	.01
645.25	649.89	3.748	34.56	1475.44	1475.43	-.01
649.82	654.50	3.856	34.23	1475.55	1475.56	.01
654.90	659.61	3.778	34.43	1475.55	1475.55	.00
659.97	664.72	3.788	34.32	1475.55	1475.56	.01
665.04	669.82	3.690	34.61	1475.59	1475.58	-.01
670.10	674.92	3.739	34.44	1475.67	1475.68	.01
675.15	680.01	3.719	34.48	1475.70	1475.70	.00
680.20	685.10	3.709	34.46	1475.74	1475.74	.00
685.25	690.18	3.651	34.66	1475.82	1475.81	.00
689.79	694.75	3.739	34.45	1476.00	1476.01	.01
694.82	699.82	3.758	34.48	1476.19	1476.19	.00
699.85	704.89	3.739	34.53	1476.27	1476.26	-.01
704.88	709.95	3.739	34.64	1476.49	1476.48	-.01
709.90	715.01	3.690	34.71	1476.46	1476.45	-.01
714.91	720.06	3.778	34.38	1476.49	1476.50	.01
719.92	725.11	3.778	34.41	1476.61	1476.60	-.01
724.93	730.15	3.700	34.63	1476.64	1476.64	-.01
729.93	735.18	3.748	34.37	1476.61	1476.61	.00
734.92	740.21	3.700	34.50	1476.64	1476.63	-.01
739.91	745.24	3.631	34.69	1476.68	1476.67	-.01
744.89	750.26	3.700	34.42	1476.72	1476.72	.00
749.87	755.27	3.680	34.44	1476.72	1476.72	.00
754.84	760.28	3.631	34.65	1476.87	1476.86	-.01
759.81	765.28	3.631	34.55	1476.83	1476.84	.01
764.78	770.28	3.631	34.42	1476.76	1476.76	.00
770.23	775.77	3.524	34.74	1476.79	1476.78	-.01
775.18	780.76	3.573	34.63	1476.94	1476.96	.01
780.13	785.74	3.582	34.53	1476.94	1476.95	.00
785.07	790.72	3.573	34.50	1476.94	1476.95	.01
790.01	795.69	3.592	34.56	1477.17	1477.16	-.01
794.94	800.66	3.602	34.45	1477.17	1477.17	.00
799.86	805.62	3.573	34.58	1477.28	1477.27	-.01
804.78	810.58	3.563	34.48	1477.21	1477.21	.00
810.19	816.02	3.524	34.67	1477.36	1477.35	-.01
815.10	820.97	3.514	34.66	1477.40	1477.40	.01
820.00	825.91	3.524	34.56	1477.40	1477.40	.00
824.90	830.84	3.504	34.66	1477.51	1477.50	-.01
829.80	835.77	3.573	34.39	1477.55	1477.55	.00
835.18	841.19	3.465	34.75	1477.62	1477.62	.00
840.06	846.11	3.475	34.58	1477.55	1477.55	.00
844.94	851.02	3.495	34.57	1477.70	1477.70	.00
849.81	855.93	3.495	34.54	1477.73	1477.74	.01
855.16	861.32	3.465	34.61	1477.77	1477.77	.00
860.03	866.22	3.455	34.60	1477.81	1477.82	.01
864.88	871.11	3.416	34.67	1477.81	1477.80	-.01
870.22	876.49	3.416	34.62	1477.85	1477.85	.00

XSVT PROBE #0000584

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.737	*****	1405.35	1496.58	.00
10.26	10.33	14.757	*****	1560.17	1508.38	.00
14.81	14.92	14.757	*****	1560.17	1508.46	.00
19.93	20.08	16.545	*****	1560.17	1514.07	.00
25.05	25.23	16.339	*****	1560.17	1513.53	.00
30.16	30.38	16.349	*****	1560.17	1513.65	.00
35.27	35.53	19.524	*****	1560.17	1522.96	.00
39.81	40.10	19.719	*****	1560.17	1523.58	.00
44.91	45.23	19.270	*****	1560.17	1522.42	.00
50.01	50.37	18.508	*****	1560.17	1520.34	.00
55.10	55.50	17.199	*****	1560.17	1516.61	.00
60.19	60.62	16.496	*****	1560.17	1514.59	.00
65.27	65.74	15.783	*****	1560.17	1512.50	.00
69.79	70.29	15.050	*****	1560.17	1510.29	.00
74.86	75.40	14.073	*****	1560.17	1507.27	.00

XSVT PROBE #000585

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.767	*****	1405.35	1496.68	.00
10.26	10.33	14.737	*****	1405.35	1496.67	.00
14.81	14.92	14.737	*****	1405.35	1496.74	.00
19.93	20.08	14.777	*****	1405.35	1496.96	.00
25.05	25.23	14.806	*****	1405.35	1497.14	.00
30.16	30.38	14.698	*****	1405.35	1496.87	.00
35.27	35.53	14.855	*****	1405.35	1497.46	.00
39.81	40.10	12.520	*****	1405.35	1489.70	.00
44.91	45.23	11.201	*****	1405.35	1485.15	.00
50.01	50.37	10.518	*****	1405.35	1482.76	.00
55.10	55.50	9.609	*****	1405.35	1479.50	.00
60.19	60.62	9.209	*****	1405.35	1478.09	.00
65.27	65.74	8.916	*****	1405.35	1477.07	.00
69.79	70.29	8.564	*****	1405.35	1475.80	.00
74.86	75.40	8.105	*****	1405.35	1474.12	.00
79.93	80.51	7.705	*****	1405.35	1472.65	.00
85.00	85.61	7.597	*****	1405.35	1472.31	.00
90.06	90.71	7.363	*****	1405.35	1471.48	.00
95.12	95.81	7.275	*****	1405.35	1471.21	.00
100.18	100.90	7.099	*****	1405.35	1470.60	.00

XSVT PROBE #000586

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	14.786	32.29	1502.90	1502.89	-.01
10.26	10.34	14.796	32.12	1502.82	1502.83	.01
14.82	14.92	14.786	32.19	1502.94	1502.94	.00
19.94	20.08	14.757	32.33	1503.10	1503.09	.00
25.06	25.24	14.825	32.16	1503.21	1503.22	.01
30.17	30.39	14.777	32.23	1503.21	1503.21	-.01
35.28	35.53	14.747	32.27	1503.25	1503.24	-.01
39.81	40.10	13.204	31.13	1496.93	1496.93	.01
44.92	45.24	11.797	31.05	1492.11	1492.11	.00
50.01	50.37	11.221	30.75	1489.81	1489.81	.00
55.10	55.50	10.598	30.89	1487.82	1487.82	-.01
60.19	60.62	9.932	30.53	1485.08	1485.08	.00
65.27	65.74	11.788	*****	1483.98	1485.80	.00
69.79	70.29	10.967	*****	1483.06	1484.71	.00
74.86	75.40	10.440	*****	1481.70	1482.89	.00
79.94	80.51	9.687	27.06	1480.26	1480.27	.01
85.01	85.62	9.385	27.67	1479.96	1479.95	-.01
90.07	90.72	9.043	27.79	1478.90	1478.90	-.01
95.13	95.81	8.789	28.32	1478.68	1478.67	.00
100.18	100.90	8.603	28.46	1478.22	1478.22	.00
105.23	105.99	8.632	28.11	1478.00	1478.01	.01
110.28	111.07	9.140	25.68	1477.02	1477.03	.01
114.76	115.59	9.541	24.32	1476.94	1476.95	.01
119.80	120.66	9.678	23.62	1476.68	1476.69	.01
124.83	125.73	9.668	23.52	1476.61	1476.61	.01
129.86	130.80	10.488	20.78	1476.42	1476.42	.01
134.89	135.86	10.635	20.33	1476.49	1476.50	.01
139.91	140.92	11.006	19.06	1476.42	1476.42	.00
144.93	145.97	11.397	17.87	1476.49	1476.50	.01
149.94	151.02	12.149	15.58	1476.57	1476.57	.00
154.95	156.06	13.116	12.64	1476.61	1476.62	.01
159.95	161.11	13.937	10.18	1476.68	1476.69	.01
164.95	166.14	14.904	7.40	1476.87	1476.87	.01
169.95	171.17	14.962	6.97	1476.64	1476.65	.01
174.94	176.20	15.158	6.35	1476.68	1476.69	.00
179.93	181.23	15.421	5.44	1476.61	1476.61	.00
184.91	186.24	15.636	4.74	1476.61	1476.61	.01
189.89	191.26	16.388	2.44	1476.57	1476.58	.01
194.87	196.27	16.740	1.31	1476.53	1476.54	.01
199.84	201.28	17.189	0.20	1476.38	1476.38	.00
204.81	206.28	17.101	0.17	1476.19	1476.18	-.01
209.77	211.28	17.336	0.93	1476.19	1476.20	.00
214.73	216.27	17.736	2.39	1475.93	1475.93	.00
220.23	221.82	17.912	3.11	1475.78	1475.78	.00
225.18	226.80	18.274	4.32	1475.67	1475.67	.00
230.12	231.78	18.449	5.16	1475.37	1475.37	.00
235.07	236.76	18.733	6.21	1475.18	1475.18	.01
240.00	241.73	18.684	6.37	1474.92	1474.92	.01
244.93	246.70	18.772	6.83	1474.77	1474.77	.01
249.86	251.66	19.104	7.99	1474.62	1474.62	.00
254.79	256.62	19.123	8.35	1474.35	1474.35	.00
260.25	262.13	19.192	8.76	1474.20	1474.20	.00
265.17	267.08	19.192	8.86	1474.17	1474.17	.00
270.08	272.02	19.182	9.07	1473.98	1473.98	.00
274.99	276.97	19.094	8.91	1473.94	1473.93	-.01

279.89	281.90	1..074	8.72	1474.17	1474.16	.00
284.79	286.84	19.153	9.16	1474.02	1474.03	.01
290.23	292.31	19.162	9.43	1473.83	1473.84	.01
295.11	297.24	19.123	9.32	1473.90	1473.89	-.01
300.00	302.16	19.143	9.62	1473.72	1473.72	.01
304.88	307.08	19.299	10.21	1473.64	1473.64	.00
309.76	311.99	19.661	11.32	1473.64	1473.64	.00
315.17	317.44	20.315	13.26	1473.64	1473.65	.01
320.04	322.34	20.413	13.75	1473.49	1473.49	.00
324.90	327.24	21.585	17.24	1473.38	1473.38	.00
329.76	332.14	21.634	17.45	1473.38	1473.38	.00
335.16	337.57	21.946	18.43	1473.34	1473.35	.01
340.01	342.46	21.829	18.14	1473.38	1473.37	-.01
344.85	347.34	21.849	18.31	1473.34	1473.34	.00
350.23	352.76	21.897	18.56	1473.30	1473.31	.00
355.07	357.63	21.810	18.31	1473.38	1473.37	-.01
359.91	362.50	22.073	19.13	1473.38	1473.38	.00
364.73	367.36	22.171	19.47	1473.38	1473.39	.01
370.09	372.76	22.376	20.13	1473.38	1473.38	.00
374.92	377.61	22.571	20.54	1473.60	1473.61	.00
380.27	383.00	22.542	20.74	1473.38	1473.39	.01
385.08	387.85	22.913	21.78	1473.45	1473.46	.01
389.88	392.69	22.650	21.01	1473.57	1473.56	-.01
395.22	398.07	22.933	21.95	1473.49	1473.50	.01
400.02	402.90	22.796	21.70	1473.42	1473.42	.00
404.81	407.73	22.777	21.55	1473.60	1473.60	.00
410.13	413.09	22.620	21.40	1473.38	1473.37	-.01
414.92	417.91	22.532	21.26	1473.34	1473.34	-.01
420.23	423.26	22.855	22.15	1473.45	1473.46	.00
425.01	428.07	22.562	21.39	1473.45	1473.45	.00
429.78	432.87	22.523	21.43	1473.38	1473.39	.01
435.08	438.21	22.386	20.98	1473.53	1473.53	.00
439.84	443.01	22.552	21.53	1473.53	1473.53	.00
445.13	448.33	22.523	21.45	1473.60	1473.60	-.01
449.88	453.12	22.425	21.31	1473.53	1473.53	.00
455.16	458.44	22.523	21.64	1473.57	1473.58	.01
459.90	463.22	22.523	21.68	1473.60	1473.61	.01
465.17	468.52	22.347	21.22	1473.64	1473.64	.00
469.91	473.29	22.366	21.29	1473.72	1473.72	.00
475.17	478.59	22.523	21.63	1473.90	1473.91	.01
479.89	483.35	22.542	21.66	1474.02	1474.02	.00
485.14	488.63	22.425	21.43	1473.98	1473.97	.00
489.86	493.39	22.415	21.37	1474.09	1474.09	.00
495.10	498.66	22.464	21.67	1474.02	1474.02	.00
499.81	503.41	22.552	21.88	1474.13	1474.13	.01
505.04	508.67	22.601	22.13	1474.09	1474.10	.01
510.26	513.93	22.698	22.48	1474.09	1474.10	.01
514.96	518.66	22.669	22.46	1474.09	1474.09	.00
520.17	523.91	22.562	22.31	1474.02	1474.01	-.01
524.86	528.63	22.611	22.56	1473.98	1473.99	.01
530.06	533.88	22.493	22.37	1473.90	1473.90	-.01
535.26	539.11	22.415	22.26	1473.87	1473.86	.00
539.93	543.82	22.405	22.03	1474.17	1474.16	-.01
545.12	549.04	22.454	22.46	1473.94	1473.95	.01
549.78	553.74	25.502	*****	1405.35	1477.68	.01
554.96	558.95	25.209	*****	1405.35	1535.43	.01
560.13	564.16	25.082	*****	1405.35	1535.20	.01
564.78	568.85	24.564	*****	1405.35	1534.00	.01
569.94	574.05	24.476	*****	1405.35	1533.86	.01
575.10	579.24	24.281	*****	1405.35	1533.46	.01
579.74	583.91	24.144	*****	1405.35	1533.19	.01
584.89	589.10	24.046	*****	1405.35	1533.03	.01
590.03	594.28	24.017	*****	1405.35	1533.04	.01
595.17	599.45	23.910	*****	1405.35	1532.85	.01
599.79	604.11	23.910	*****	1405.35	1532.93	.01
604.92	609.27	23.812	*****	1405.35	1532.76	.01

610.04	614.43	23.910	*****	1405.35	1533.10	.01
615.16	619.58	24.017	*****	1405.35	1533.45	.01
619.76	624.22	24.154	*****	1405.35	1533.87	.01
624.86	629.36	24.212	*****	1405.35	1534.10	.01
629.97	634.50	24.154	*****	1405.35	1534.04	.01
635.06	639.64	24.154	*****	1405.35	1534.13	.01
640.16	644.76	24.144	*****	1405.35	1534.19	.01
645.24	649.89	24.076	*****	1405.35	1534.10	.01
649.82	654.49	24.017	*****	1405.35	1534.02	.01
654.89	659.61	23.949	*****	1405.35	1533.93	.01
659.96	664.72	23.822	*****	1405.35	1533.69	.01
665.03	669.82	23.841	*****	1405.35	1533.83	.01
670.09	674.92	23.724	*****	1405.35	1533.61	.01
675.15	680.01	23.578	*****	1405.35	1533.32	.01
680.20	685.10	23.568	*****	1405.35	1533.38	.01
685.24	690.18	23.451	*****	1405.35	1533.16	.01
689.78	694.75	23.441	*****	1405.35	1533.21	.01
694.82	699.82	23.421	*****	1405.35	1533.24	.01
699.85	704.89	23.343	*****	1405.35	1533.12	.01
704.87	709.95	23.245	*****	1405.35	1532.95	.01
709.89	715.00	23.665	*****	1405.35	1534.12	.01
714.91	720.05	23.832	*****	1405.35	1534.63	.01
719.92	725.10	23.783	*****	1405.35	1534.58	.01

APPENDIX 2

XSVT PROBE INDEX - STATION 7

Probe Serial Number	Date of Launch	Time Zulu
527	9/18	
531	9/19	00:00
532		00:04
533		00:09
534		00:14
535		00:19
536		00:26
537		00:30
538		00:35
539		00:40
623		00:47
624		00:52
627		01:32
629		01:44
630		01:50
631		02:00
632		02:02

XSVT PROBE INDEX - STATION 7 (Continued)

Probe Serial Number	Date of Launch	Time Zulu
633	9/19	02:08
599		02:20
600		02:24
601		02:31
602		02:36
603		02:42
604		02:48
605		02:54
606		02:58
607		03:05
608		03:10
609		03:15
610		03:19
Invalid	--	

PLESSEY MODEL 9050 STD
WITH SOUND VELOCITY PROBE
DATA AT STATION 7

LINE P /78 Nib Cast 24 Position 47 10'N 132-40'W
CTD Sensor Number 0220 Spike removal Lovett #2 Page 1
Date: 09/18/1978 Time: 2350 & 55seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
→ 5.0	5.0	15.16	32.34	1504.13	1504.15	-0.02
10.0	10.0	15.12	32.34	1504.02	1504.09	-0.07
15.0	15.1	15.07	32.35	1503.99	1504.01	-0.02
20.0	20.1	15.06	32.35	1504.03	1504.06	-0.03
25.0	25.1	15.05	32.37	1504.10	1504.14	-0.04
30.0	30.2	15.05	32.35	1504.18	1504.20	-0.02
35.0	35.2	15.05	32.35	1504.26	1504.28	-0.02
40.0	40.2	14.41	-32.35	1502.20	1502.32	-0.11
45.0	45.3	11.89	-32.54	1494.09	1494.20	-0.11
50.0	50.3	10.80	-32.52	1490.31	1490.43	-0.11
55.0	55.3	10.00	32.68	1487.67	1487.84	-0.17
60.0	60.4	9.44	-32.67	1485.78	1485.90	-0.11
65.0	65.4	9.06	-32.66	1484.43	1484.54	-0.11
70.0	70.4	8.40	-32.65	1482.02	1482.13	-0.11
75.0	75.5	8.28	32.73	1481.82	1481.88	-0.06
80.0	80.5	8.05	32.70	1480.79	1481.04	-0.25
85.0	85.6	7.82	32.74	1480.17	1480.32	-0.15
90.0	90.6	7.62	32.78	1479.46	1479.69	-0.23
95.0	95.6	7.42	32.80	1478.83	1479.02	-0.19
100.0	100.7	7.27	32.84	1478.28	1478.54	-0.26
105.0	105.7	6.90	33.00	1477.23	1477.40	-0.17
110.0	110.7	6.77	33.09	1476.95	1477.09	-0.14
115.0	115.8	6.64	33.17	1476.68	1476.76	-0.08
120.0	120.8	6.60	33.23	1476.68	1476.75	-0.07
125.0	125.9	6.52	33.31	1476.52	1476.62	-0.10
130.0	130.9	6.47	33.36	1476.49	1476.59	-0.10
135.0	135.9	6.42	33.42	1476.47	1476.53	-0.06
140.0	141.0	6.37	33.49	1476.42	1476.52	-0.10
145.0	146.0	6.33	33.56	1476.44	1476.54	-0.10
150.0	151.0	6.31	33.61	1476.52	1476.60	-0.08
155.0	156.1	6.29	33.64	1476.55	1476.63	-0.08
160.0	161.1	6.26	33.69	1476.57	1476.65	-0.08
165.0	166.2	6.25	33.71	1476.63	1476.72	-0.09
170.0	171.2	6.22	33.73	1476.65	1476.72	-0.07
175.0	176.2	6.15	33.76	1476.46	1476.53	-0.07
180.0	181.3	6.11	33.78	1476.34	1476.49	-0.15
185.0	186.3	6.02	33.83	1476.21	1476.30	-0.09
190.0	191.4	5.98	33.81	1476.03	1476.20	-0.17
195.0	196.4	5.91	33.84	1475.89	1476.02	-0.13
200.0	201.4	5.83	33.84	1475.69	1475.79	-0.10
205.0	206.5	5.76	33.86	1475.48	1475.61	-0.13
210.0	211.5	5.70	33.87	1475.36	1475.47	-0.11
215.1	216.6	5.63	33.82	1474.98	1475.19	-0.21
220.0	221.6	5.50	33.85	1474.67	1474.80	-0.13
225.0	226.6	5.47	33.87	1474.68	1474.79	-0.11
230.0	231.7	5.40	33.87	1474.46	1474.60	-0.14
235.0	236.7	5.36	33.86	1474.36	1474.49	-0.13
240.0	241.8	5.28	33.85	1474.08	1474.24	-0.16
245.0	246.8	5.23	33.87	1474.04	1474.13	-0.09
250.0	251.8	5.21	33.86	1474.02	1474.13	-0.11
255.0	256.9	5.16	33.85	1473.83	1473.97	-0.14
260.0	261.9	5.08	33.87	1473.66	1473.75	-0.09
265.0	267.0	5.05	33.86	1473.60	1473.73	-0.13
270.0	272.0	5.01	33.86	1473.47	1473.63	-0.16
275.0	277.1	4.95	33.85	1473.30	1473.46	-0.16
280.0	282.1	4.88	33.87	1473.18	1473.29	-0.11
285.0	287.1	4.84	33.88	1473.13	1473.23	-0.10
290.0	292.2	4.81	33.88	1473.10	1473.19	-0.09
295.0	297.2	4.77	33.89	1472.99	1473.11	-0.12
300.0	302.3	4.76	33.89	1473.02	1473.12	-0.10
Mean, sigma & # of sound velocity differences				-0.11	0.052	60

LINE P 78-016 Cast 24 Position 49-10'N 132-40'W
CTD Sensor Number 6220 Spike removal Lovett #2 Page 2
Date: 09/18/1978 Time: 2350 & 55seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
305.0	307.3	4.74	33.89	1473.02	1473.13	-0.11
310.0	312.4	4.71	33.89	1473.02	1473.11	-0.09
315.0	317.4	4.69	33.89	1472.97	1473.09	-0.12
320.0	322.4	4.66	33.91	1472.98	1473.07	-0.09
325.0	327.5	4.64	33.91	1472.99	1473.08	-0.09
330.0	332.5	4.61	33.90	1472.90	1473.03	-0.13
335.0	337.6	4.57	33.91	1472.82	1472.95	-0.13
340.0	342.6	4.53	33.92	1472.80	1472.90	-0.10
345.0	347.7	4.50	33.91	1472.72	1472.84	-0.12
350.0	352.7	4.46	33.92	1472.58	1472.74	-0.16
355.0	357.8	4.42	33.94	1472.62	1472.71	-0.09
360.0	362.8	4.42	33.95	1472.72	1472.79	-0.07
365.0	367.8	4.38	33.94	1472.57	1472.70	-0.13
370.0	372.9	4.35	33.94	1472.51	1472.64	-0.13
375.0	377.9	4.32	33.95	1472.52	1472.64	-0.12
380.0	383.0	4.30	33.95	1472.54	1472.63	-0.09
385.0	388.0	4.29	33.95	1472.59	1472.68	-0.09
390.0	393.1	4.28	33.97	1472.60	1472.70	-0.10
395.0	398.1	4.26	33.98	1472.65	1472.74	-0.09
400.0	403.2	4.24	33.98	1472.62	1472.72	-0.10
405.0	408.2	4.23	33.98	1472.67	1472.77	-0.10
410.0	413.3	4.23	33.99	1472.74	1472.85	-0.11
415.0	418.3	4.21	34.01	1472.86	1472.92	-0.06
420.0	423.3	4.21	34.01	1472.86	1472.97	-0.11
425.0	428.4	4.20	34.01	1472.90	1473.01	-0.11
430.0	433.4	4.18	34.01	1472.90	1473.00	-0.10
435.0	438.5	4.16	34.02	1472.93	1473.02	-0.09
440.0	443.5	4.15	34.02	1472.95	1473.06	-0.11
445.0	448.6	4.14	34.02	1472.98	1473.09	-0.11
450.0	453.6	4.13	34.03	1473.04	1473.14	-0.10
455.0	458.7	4.11	34.03	1473.05	1473.15	-0.10
460.0	463.7	4.09	34.04	1473.08	1473.19	-0.11
465.0	468.8	4.08	34.04	1473.08	1473.19	-0.11
470.0	473.8	4.06	34.05	1473.11	1473.22	-0.11
475.0	478.9	4.03	34.05	1473.08	1473.19	-0.11
480.0	483.9	4.01	34.06	1473.10	1473.21	-0.11
485.0	489.0	4.01	34.06	1473.18	1473.27	-0.09
490.0	494.0	4.00	34.06	1473.18	1473.29	-0.11
495.0	499.1	3.98	34.06	1473.21	1473.31	-0.10
500.0	504.1	3.96	34.07	1473.22	1473.33	-0.11
505.0	509.2	3.95	34.07	1473.26	1473.36	-0.10
510.0	514.2	3.94	34.08	1473.29	1473.40	-0.11
515.0	519.3	3.93	34.09	1473.37	1473.47	-0.10
520.0	524.3	3.92	34.10	1473.44	1473.54	-0.10
525.0	529.4	3.92	34.10	1473.49	1473.60	-0.11
530.0	534.4	3.90	34.09	1473.45	1473.59	-0.14
535.0	539.5	3.87	34.11	1473.47	1473.58	-0.11
540.0	544.5	3.86	34.12	1473.52	1473.63	-0.11
545.0	549.6	3.85	34.11	1473.56	1473.67	-0.11
550.0	554.6	3.84	34.12	1473.60	1473.70	-0.10
555.0	559.7	3.82	34.13	1473.63	1473.73	-0.10
560.0	564.7	3.81	34.13	1473.67	1473.77	-0.10
565.0	569.8	3.80	34.14	1473.67	1473.79	-0.12
570.0	574.8	3.79	34.14	1473.74	1473.83	-0.09
575.0	579.9	3.78	34.14	1473.80	1473.91	-0.11
580.0	584.9	3.78	34.15	1473.86	1473.96	-0.10
585.0	590.0	3.76	34.15	1473.88	1473.99	-0.11
590.0	595.0	3.75	34.16	1473.93	1474.03	-0.10
595.0	600.1	3.75	34.16	1474.00	1474.10	-0.10
600.0	605.1	3.74	34.16	1474.06	1474.15	-0.09
Mean					difference	0.11	0.016	60

LINE P 78-016 Cast 24 Position 49-10'N 132-40'W
CTD Sensor Number 6220 Spike removal Lovett #2
Date: 09/18/1978 Time: 2350 & 55seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
605.0	610.2	3.73	34.16	1474.08	1474.19	-0.11
610.0	615.2	3.72	34.17	1474.16	1474.26	-0.10
615.0	620.3	3.71	34.17	1474.17	1474.29	-0.12
620.0	625.3	3.70	34.18	1474.26	1474.35	-0.09
625.0	630.4	3.70	34.18	1474.34	1474.44	-0.10
630.0	635.4	3.70	34.18	1474.40	1474.50	-0.10
635.0	640.5	3.70	34.18	1474.49	1474.58	-0.09
640.0	645.5	3.69	34.19	1474.53	1474.64	-0.11
645.0	650.6	3.68	34.19	1474.57	1474.67	-0.10
650.0	655.6	3.67	34.20	1474.64	1474.74	-0.10
655.0	660.7	3.67	34.20	1474.70	1474.80	-0.10
660.0	665.8	3.66	34.20	1474.77	1474.87	-0.10
665.0	670.8	3.65	34.20	1474.81	1474.92	-0.11
670.0	675.9	3.64	34.21	1474.86	1474.97	-0.11
675.0	680.9	3.64	34.21	1474.92	1475.02	-0.10
680.0	686.0	3.63	34.21	1474.94	1475.06	-0.12
685.0	691.0	3.61	34.21	1474.92	1475.06	-0.14
690.0	696.1	3.59	34.22	1475.00	1475.09	-0.09
695.0	701.1	3.58	34.22	1475.01	1475.12	-0.11
700.0	706.2	3.57	34.22	1475.06	1475.15	-0.09
705.0	711.2	3.56	34.22	1475.12	1475.22	-0.10
710.0	716.3	3.55	34.23	1475.17	1475.28	-0.11
715.0	721.4	3.55	34.23	1475.20	1475.33	-0.13
720.0	726.4	3.54	34.24	1475.29	1475.39	-0.10
725.0	731.5	3.53	34.24	1475.32	1475.44	-0.12
730.0	736.5	3.52	34.25	1475.41	1475.50	-0.09
735.0	741.6	3.52	34.25	1475.46	1475.57	-0.11
740.0	746.6	3.52	34.25	1475.53	1475.63	-0.10
745.0	751.7	3.51	34.25	1475.58	1475.70	-0.12
750.0	756.7	3.50	34.26	1475.63	1475.73	-0.10

Mean, Sigma & # of Sound Velocity differences -0.11 0.011 30

L= 152.00

LINE [illegible] Position [illegible]
CTD Sensor Number 6220 Spike removal - Lovett #2 Page 1
Date: 09/19/1978 Time: 0143 & 45seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
5.0	5.0	15.09	32.36	1503.90	1503.93	-0.03
10.0	10.0	15.10	32.36	1503.99	1504.02	-0.03
15.0	15.1	15.07	32.34	1503.97	1504.01	-0.04
20.0	20.1	15.03	32.35	1503.96	1503.98	-0.02
25.0	25.1	15.02	32.35	1504.02	1504.03	-0.01
30.0	30.2	15.02	32.35	1504.08	1504.10	-0.02
35.0	35.2	13.26	-32.46	1498.47	1498.59	-0.11
40.0	40.2	12.19	-32.67	1495.20	1495.31	-0.11
45.0	45.3	11.34	-32.65	1492.32	1492.44	-0.11
50.0	50.3	10.63	32.65	1489.73	1490.00	-0.27
55.0	55.3	9.98	-32.71	1487.72	1487.83	-0.11
60.0	60.4	9.52	32.65	1485.84	1486.13	-0.29
65.0	65.4	8.82	32.65	1483.44	1483.65	-0.21
70.0	70.4	8.71	32.70	1483.14	1483.38	-0.24
75.0	75.5	8.31	32.67	1481.68	1481.93	-0.25
80.0	80.5	8.08	32.75	1481.11	1481.21	-0.10
85.0	85.6	7.97	32.69	1480.55	1480.83	-0.28
90.0	90.6	7.61	32.79	1479.54	1479.64	-0.10
95.0	95.6	7.46	32.81	1479.04	1479.17	-0.13
100.0	100.7	7.37	32.82	1478.74	1478.93	-0.19
105.0	105.7	7.16	32.90	1478.17	1478.31	-0.14
110.0	110.7	7.04	32.94	1477.78	1477.96	-0.18
115.0	115.8	6.87	33.03	1477.39	1477.50	-0.11
120.0	120.8	6.76	33.09	1477.01	1477.21	-0.20
125.0	125.9	6.65	33.18	1476.85	1476.96	-0.11
130.0	130.9	6.56	-33.20	1476.61	1476.72	-0.11
135.0	135.9	6.44	33.41	1476.47	1476.59	-0.12
140.0	141.0	6.39	33.46	1476.50	1476.57	-0.07
145.0	146.0	6.38	33.49	1476.53	1476.62	-0.09
150.0	151.0	6.35	33.53	1476.55	1476.64	-0.09
155.0	156.1	6.30	33.60	1476.54	1476.63	-0.09
160.0	161.1	6.26	33.66	1476.48	1476.61	-0.13
165.0	166.2	6.20	33.71	1476.47	1476.54	-0.07
170.0	171.2	6.19	33.74	1476.51	1476.60	-0.09
175.0	176.2	6.18	33.75	1476.57	1476.64	-0.07
180.0	181.3	6.13	33.77	1476.51	1476.58	-0.07
185.0	186.3	6.11	33.78	1476.48	1476.57	-0.09
190.0	191.4	6.06	33.80	1476.30	1476.47	-0.17
195.0	196.4	5.98	33.82	1476.16	1476.28	-0.12
200.0	201.4	5.94	33.84	1476.13	1476.22	-0.09
205.0	206.5	5.91	33.84	1476.06	1476.19	-0.13
210.0	211.5	5.85	33.85	1475.94	1476.05	-0.11
215.0	216.6	5.82	33.85	1475.93	1476.02	-0.09
220.0	221.6	5.80	33.85	1475.84	1475.98	-0.14
225.0	226.6	5.73	33.86	1475.68	1475.81	-0.13
230.0	231.7	5.64	33.83	1475.31	1475.50	-0.19
235.0	236.7	5.58	33.86	1475.26	1475.36	-0.10
240.0	241.8	5.54	33.86	1475.17	1475.28	-0.11
245.0	246.8	5.47	33.86	1474.98	1475.09	-0.11
250.0	251.8	5.45	33.86	1474.96	1475.09	-0.13
255.0	256.9	5.40	33.86	1474.84	1474.98	-0.14
260.0	261.9	5.28	33.87	1474.48	1474.57	-0.09
265.0	267.0	5.25	33.86	1474.43	1474.53	-0.10
270.0	272.0	5.23	33.86	1474.44	1474.53	-0.09
275.0	277.1	5.20	33.86	1474.39	1474.50	-0.11
280.0	282.1	5.13	33.86	1474.16	1474.29	-0.13
285.0	287.1	5.11	33.86	1474.15	1474.27	-0.12
290.0	292.2	5.08	33.87	1474.17	1474.27	-0.10
295.0	297.2	5.06	33.86	1474.11	1474.24	-0.13
300.0	302.3	4.99	33.86	1473.90	1474.03	-0.13
Mean, sigma & # of sound velocity differences					-0.12	0.060	60

LINE P 78-016 Cast 25 Position 49-10'N 132-40'W
CTD Sensor Number 6220 Spike removal Lovett #2 Page 2
Date: 09/19/1978 Time: 0143 & 45seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
305.0	307.3	4.94	33.86	1473.80	1473.92	-0.12
310.0	312.4	4.87	33.87	1473.60	1473.74	-0.14
315.0	317.4	4.86	33.89	1473.71	1473.80	-0.09
320.0	322.4	4.81	33.89	1473.59	1473.67	-0.08
325.0	327.5	4.80	33.88	1473.60	1473.71	-0.11
330.0	332.5	4.78	33.87	1473.54	1473.68	-0.14
335.0	337.6	4.71	33.90	1473.42	1473.51	-0.09
340.0	342.6	4.68	33.90	1473.38	1473.47	-0.09
345.0	347.7	4.67	33.90	1473.40	1473.50	-0.10
350.0	352.7	4.64	33.91	1473.38	1473.48	-0.10
355.0	357.8	4.60	33.91	1473.29	1473.41	-0.12
360.0	362.8	4.58	33.92	1473.33	1473.41	-0.08
365.0	367.8	4.55	33.91	1473.29	1473.39	-0.10
370.0	372.9	4.54	33.92	1473.29	1473.40	-0.11
375.0	377.9	4.51	33.93	1473.30	1473.40	-0.10
380.0	383.0	4.51	33.92	1473.35	1473.47	-0.12
385.0	388.0	4.49	33.95	1473.38	1473.50	-0.12
390.0	393.1	4.48	33.92	1473.37	1473.48	-0.11
395.0	398.1	4.44	33.93	1473.29	1473.42	-0.13
400.0	403.2	4.41	33.94	1473.31	1473.41	-0.10
405.0	408.2	4.36	33.94	1473.13	1473.24	-0.11
410.0	413.3	4.34	33.96	1473.17	1473.28	-0.11
415.0	418.3	4.30	33.95	1473.11	1473.21	-0.10
420.0	423.3	4.28	33.97	1473.14	1473.23	-0.09
425.0	428.4	4.27	33.98	1473.14	1473.25	-0.11
430.0	433.4	4.25	33.99	1473.19	1473.28	-0.09
435.0	438.5	4.25	34.00	1473.28	1473.37	-0.09
440.0	443.5	4.25	34.01	1473.35	1473.45	-0.10
445.0	448.6	4.24	34.00	1473.38	1473.49	-0.11
450.0	453.6	4.22	34.01	1473.39	1473.49	-0.10
455.0	458.7	4.19	33.90	1473.38	1473.34	0.04
460.0	463.7	4.18	34.02	1473.40	1473.50	-0.10
465.0	468.8	4.16	34.02	1473.41	1473.52	-0.11
470.0	473.8	4.15	34.03	1473.47	1473.56	-0.09
475.0	478.9	4.14	34.03	1473.52	1473.61	-0.09
480.0	483.9	4.14	34.03	1473.59	1473.68	-0.09
485.0	489.0	4.12	34.03	1473.58	1473.69	-0.11
490.0	494.0	4.10	34.04	1473.57	1473.70	-0.13
495.0	499.1	4.08	34.04	1473.60	1473.71	-0.11
500.0	504.1	4.06	34.04	1473.64	1473.72	-0.08
505.0	509.2	4.05	34.05	1473.67	1473.77	-0.10
510.0	514.2	4.04	34.05	1473.70	1473.80	-0.10
515.0	519.3	4.02	34.06	1473.73	1473.82	-0.09
520.0	524.3	4.01	34.05	1473.74	1473.85	-0.11
525.0	529.4	3.99	34.06	1473.76	1473.86	-0.10
530.0	534.4	3.98	34.07	1473.82	1473.91	-0.09
535.0	539.5	3.97	34.08	1473.88	1473.97	-0.09
540.0	544.5	3.96	34.08	1473.89	1473.98	-0.09
545.0	549.6	3.95	34.09	1473.93	1474.03	-0.10
550.0	554.6	3.94	34.10	1473.99	1474.09	-0.10
555.0	559.7	3.91	34.10	1473.94	1474.06	-0.12
560.0	564.7	3.90	34.11	1473.98	1474.09	-0.11
565.0	569.8	3.89	34.11	1474.03	1474.13	-0.10
570.0	574.8	3.88	34.11	1474.10	1474.19	-0.09
575.0	579.9	3.87	34.11	1474.13	1474.25	-0.12
580.0	584.9	3.86	34.12	1474.17	1474.29	-0.12
585.0	590.0	3.84	34.12	1474.20	1474.30	-0.10
590.0	595.0	3.83	34.13	1474.22	1474.32	-0.10
595.0	600.1	3.82	34.13	1474.27	1474.37	-0.10
600.0	605.1	3.81	34.13	1474.30	1474.41	-0.11

Mean, sigma & # of sound velocity differences -0.10 0.023 60

LINE P 78-016 Cast 25 Position 49-10'N 132-40'W
CTD Sensor Number 6220 Spike removal Lovett #2
Date: 09/19/1978 Time: 0143 & 45seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
605.0	610.2	3.80	34.13	1474.34	1474.45	-0.11
610.0	615.2	3.78	34.14	1474.37	1474.47	-0.10
615.0	620.3	3.77	34.15	1474.44	1474.53	-0.09
620.0	625.3	3.76	34.15	1474.47	1474.57	-0.10
625.0	630.4	3.75	34.15	1474.50	1474.62	-0.12
630.0	635.4	3.74	34.16	1474.54	1474.64	-0.10
635.0	640.5	3.73	34.16	1474.60	1474.70	-0.10
640.0	645.5	3.72	34.17	1474.65	1474.75	-0.10
645.0	650.6	3.72	34.18	1474.72	1474.82	-0.10
650.0	655.6	3.70	34.17	1474.71	1474.83	-0.12
655.0	660.7	3.69	34.18	1474.78	1474.88	-0.10
660.0	665.8	3.69	34.18	1474.86	1474.94	-0.08
665.0	670.8	3.68	34.19	1474.92	1475.03	-0.11
670.0	675.9	3.67	34.20	1474.97	1475.07	-0.10
675.0	680.9	3.65	34.20	1474.99	1475.07	-0.08
680.0	686.0	3.66	34.20	1475.08	1475.18	-0.10
685.0	691.0	3.64	34.21	1475.11	1475.21	-0.10
690.0	696.1	3.64	34.21	1475.15	1475.26	-0.11
695.0	701.1	3.62	34.21	1475.19	1475.29	-0.10
700.0	706.2	3.61	34.21	1475.25	1475.34	-0.09
705.0	711.2	3.61	34.21	1475.28	1475.39	-0.11
710.0	716.3	3.59	34.22	1475.31	1475.42	-0.11
715.0	721.4	3.59	34.23	1475.39	1475.49	-0.10
720.0	726.4	3.58	34.22	1475.42	1475.53	-0.11
725.0	731.5	3.57	34.23	1475.49	1475.59	-0.10
730.0	736.5	3.56	34.23	1475.53	1475.64	-0.11
735.0	741.6	3.55	34.24	1475.58	1475.69	-0.11
740.0	746.6	3.55	34.24	1475.65	1475.75	-0.10
745.0	751.7	3.54	34.24	1475.66	1475.79	-0.13
750.0	756.7	3.52	34.25	1475.70	1475.81	-0.11
755.0	761.8	3.51	34.25	1475.73	1475.84	-0.11
760.0	766.9	3.50	34.25	1475.78	1475.88	-0.10
765.0	771.9	3.49	34.26	1475.84	1475.94	-0.10
770.0	777.0	3.48	34.26	1475.90	1475.99	-0.09
775.0	782.0	3.47	34.26	1475.94	1476.04	-0.10
780.0	787.1	3.46	34.27	1475.99	1476.09	-0.10
785.0	792.1	3.45	34.27	1476.03	1476.13	-0.10
790.0	797.2	3.45	34.27	1476.08	1476.20	-0.12
795.0	802.3	3.43	34.27	1476.12	1476.22	-0.10
800.0	807.3	3.43	34.28	1476.17	1476.28	-0.11

Mean, Sigma & # of Sound Velocity differences -0.10 0.009 40

L=
162.00

LINE P /3 Mile Cast 26 Position 49°10'N 132°40'W
CTD Sensor Number 0220 Spike removal Leveit #2 Page 1
Date: 09/19/1978 Time: 0257 & 20seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
5.0	5.0	15.06	32.36	1503.77	1503.82	-0.05
10.0	10.0	15.05	32.37	1503.85	1503.90	-0.05
15.0	15.1	15.05	32.36	1503.94	1503.97	-0.03
20.0	20.1	15.05	32.36	1504.00	1504.04	-0.04
25.0	25.1	15.04	32.36	1504.03	1504.08	-0.05
30.0	30.2	15.03	32.36	1504.10	1504.15	-0.05
35.0	35.2	15.01	32.36	1504.12	1504.16	-0.04
40.0	40.2	14.08	-32.43	1501.24	1501.34	-0.10
45.0	45.3	11.99	-32.55	1494.44	1494.54	-0.10
50.0	50.3	10.75	-32.70	1490.37	1490.47	-0.10
55.0	55.3	10.18	-32.65	1488.36	1488.47	-0.10
60.0	60.4	9.83	-32.67	1487.21	1487.31	-0.10
65.0	65.4	9.47	32.66	1485.86	1486.07	-0.21
70.0	70.4	9.03	32.71	1484.37	1484.57	-0.20
75.0	75.5	8.85	32.71	1483.79	1484.00	-0.21
80.0	80.5	8.39	32.68	1482.09	1482.33	-0.24
85.0	85.6	8.19	32.72	1481.58	1481.69	-0.11
90.0	90.6	8.03	32.71	1480.93	1481.13	-0.20
95.0	95.6	7.70	-32.75	1479.92	1480.03	-0.10
100.0	100.7	7.40	32.81	1478.79	1479.01	-0.22
105.0	105.7	7.19	32.90	1478.36	1478.43	-0.07
110.0	110.7	7.06	32.93	1477.84	1478.03	-0.19
115.0	115.8	6.89	33.02	1477.47	1477.56	-0.09
120.0	120.8	6.79	33.09	1477.18	1477.32	-0.14
125.0	125.9	6.67	33.17	1476.92	1477.03	-0.11
130.0	130.9	6.54	33.29	1476.66	1476.76	-0.10
135.0	135.9	6.47	33.36	1476.55	1476.66	-0.11
140.0	141.0	6.41	33.44	1476.48	1476.60	-0.12
145.0	146.0	6.37	33.51	1476.52	1476.60	-0.08
150.0	151.0	6.32	33.58	1476.48	1476.59	-0.11
155.0	156.1	6.27	33.64	1476.46	1476.56	-0.10
160.0	161.1	6.23	33.70	1476.48	1476.54	-0.06
165.0	166.2	6.21	33.71	1476.48	1476.58	-0.10
170.0	171.2	6.20	33.75	1476.60	1476.66	-0.06
175.0	176.2	6.19	33.78	1476.68	1476.75	-0.07
180.0	181.3	6.18	33.77	1476.68	1476.76	-0.08
185.0	186.3	6.12	33.81	1476.56	1476.67	-0.11
190.0	191.4	6.11	33.82	1476.65	1476.72	-0.07
195.0	196.4	6.11	33.82	1476.69	1476.78	-0.09
200.0	201.4	6.05	33.83	1476.56	1476.67	-0.11
205.0	206.5	5.99	33.84	1476.44	1476.53	-0.09
210.0	211.5	5.96	33.84	1476.36	1476.45	-0.09
215.0	216.6	5.92	33.85	1476.29	1476.39	-0.10
220.0	221.6	5.85	33.85	1476.11	1476.21	-0.10
225.0	226.6	5.80	33.86	1476.02	1476.11	-0.09
230.0	231.7	5.75	33.84	1475.82	1475.97	-0.15
235.0	236.7	5.69	33.85	1475.71	1475.83	-0.12
240.0	241.8	5.66	33.86	1475.68	1475.79	-0.11
245.0	246.8	5.59	33.86	1475.44	1475.58	-0.14
250.0	251.8	5.51	33.84	1475.12	1475.30	-0.18
255.0	256.9	5.42	33.87	1474.98	1475.07	-0.09
260.0	261.9	5.37	33.86	1474.83	1474.95	-0.12
265.0	267.0	5.33	33.86	1474.71	1474.83	-0.12
270.0	272.0	5.27	33.86	1474.55	1474.69	-0.14
275.0	277.1	5.20	33.86	1474.36	1474.50	-0.14
280.0	282.1	5.15	33.87	1474.29	1474.38	-0.09
285.0	287.1	5.10	33.86	1474.12	1474.24	-0.12
290.0	292.2	5.04	33.87	1474.02	1474.11	-0.09
295.0	297.2	5.00	33.87	1473.93	1474.03	-0.10
300.0	302.3	4.99	33.86	1473.88	1474.03	-0.15
Mean, sigma & # of sound velocity differences					-0.11	0.047 60

LINE P 78-016 Cast 26 Position 49-10'N 132-40'W
CTD Sensor Number 6220 Spike removal Lovett #2 Page 2
Date: 09/19/1978 Time: 0257 & 20seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
305.0	307.3	4.92	33.87	1473.76	1473.87	-0.11
310.0	312.4	4.90	33.88	1473.76	1473.85	-0.09
315.0	317.4	4.87	33.88	1473.73	1473.82	-0.09
320.0	322.4	4.85	33.89	1473.74	1473.84	-0.10
325.0	327.5	4.83	33.89	1473.77	1473.86	-0.09
330.0	332.5	4.82	33.89	1473.80	1473.89	-0.09
335.0	337.6	4.79	33.90	1473.74	1473.84	-0.10
340.0	342.6	4.77	33.90	1473.74	1473.84	-0.10
345.0	347.7	4.75	33.90	1473.76	1473.85	-0.09
350.0	352.7	4.68	33.90	1473.56	1473.66	-0.10
355.0	357.8	4.64	33.89	1473.41	1473.54	-0.13
360.0	362.8	4.58	33.91	1473.31	1473.40	-0.09
365.0	367.8	4.55	33.92	1473.28	1473.38	-0.10
370.0	372.9	4.52	33.91	1473.24	1473.34	-0.10
375.0	377.9	4.51	33.91	1473.25	1473.36	-0.11
380.0	383.0	4.48	33.92	1473.23	1473.33	-0.10
385.0	388.0	4.45	33.93	1473.20	1473.30	-0.10
390.0	393.1	4.42	33.94	1473.18	1473.27	-0.09
395.0	398.1	4.40	33.93	1473.13	1473.25	-0.12
400.0	403.2	4.36	33.94	1473.06	1473.18	-0.12
405.0	408.2	4.33	33.95	1473.07	1473.17	-0.10
410.0	413.3	4.32	33.95	1473.11	1473.19	-0.08
415.0	418.3	4.31	33.96	1473.16	1473.24	-0.08
420.0	423.3	4.30	33.96	1473.20	1473.29	-0.09
425.0	428.4	4.29	33.97	1473.26	1473.35	-0.09
430.0	433.4	4.27	33.98	1473.23	1473.33	-0.10
435.0	438.5	4.26	33.98	1473.30	1473.38	-0.08
440.0	443.5	4.25	33.98	1473.34	1473.43	-0.09
445.0	448.6	4.24	33.98	1473.38	1473.47	-0.09
450.0	453.6	4.22	33.99	1473.41	1473.51	-0.10
455.0	458.7	4.20	34.00	1473.40	1473.49	-0.09
460.0	463.7	4.19	34.00	1473.45	1473.54	-0.09
465.0	468.8	4.17	34.01	1473.43	1473.53	-0.10
470.0	473.8	4.15	34.01	1473.46	1473.56	-0.10
475.0	478.9	4.14	34.02	1473.52	1473.60	-0.08
480.0	483.9	4.14	34.02	1473.58	1473.66	-0.08
485.0	489.0	4.12	34.02	1473.56	1473.67	-0.11
490.0	494.0	4.10	34.04	1473.61	1473.70	-0.09
495.0	499.1	4.10	34.04	1473.72	1473.80	-0.08
500.0	504.1	4.10	34.04	1473.74	1473.85	-0.11
505.0	509.2	4.08	34.05	1473.78	1473.88	-0.10
510.0	514.2	4.06	34.05	1473.78	1473.88	-0.10
515.0	519.3	4.05	34.06	1473.81	1473.91	-0.10
520.0	524.3	4.03	34.06	1473.84	1473.93	-0.09
525.0	529.4	4.02	34.06	1473.89	1473.98	-0.09
530.0	534.4	4.00	34.07	1473.86	1473.96	-0.10
535.0	539.5	3.97	34.07	1473.84	1473.95	-0.11
540.0	544.5	3.95	34.09	1473.86	1473.96	-0.10
545.0	549.6	3.94	34.08	1473.89	1473.98	-0.09
550.0	554.6	3.93	34.10	1473.95	1474.05	-0.10
555.0	559.7	3.91	34.10	1473.97	1474.07	-0.10
560.0	564.7	3.91	34.10	1474.03	1474.13	-0.10
565.0	569.8	3.89	34.10	1474.03	1474.13	-0.10
570.0	574.8	3.88	34.11	1474.07	1474.17	-0.10
575.0	579.9	3.87	34.11	1474.15	1474.23	-0.08
580.0	584.9	3.87	34.12	1474.21	1474.30	-0.09
585.0	590.0	3.85	34.12	1474.24	1474.34	-0.10
590.0	595.0	3.84	34.13	1474.29	1474.38	-0.09
595.0	600.1	3.83	34.14	1474.30	1474.41	-0.11
600.0	605.1	3.81	34.13	1474.31	1474.42	-0.11

Mean, sigma & # of sound velocity differences -0.10 0.010 60

LINE P 78 Stn. Cast 26 Position 49 30'N 132-40'W
CTD Sensor Number 6220 Spike removal Lovett #2 Page 3
Date: 09/19/1978 Time: 0257 & 20seconds

Depth	dBars	Temp	Sal	MSVEL	CSVEL#2	Diff.
605.0	610.2	3.80	34.14	1474.35	1474.46	-0.11
610.0	615.2	3.79	34.15	1474.41	1474.50	-0.09
615.0	620.3	3.78	34.15	1474.44	1474.53	-0.09
620.0	625.3	3.77	34.15	1474.48	1474.58	-0.10
625.0	630.4	3.76	34.17	1474.54	1474.65	-0.11
630.0	635.4	3.75	34.16	1474.60	1474.69	-0.09
635.0	640.5	3.75	34.17	1474.71	1474.80	-0.09
640.0	645.5	3.74	34.18	1474.76	1474.85	-0.09
645.0	650.6	3.74	34.16	1474.77	1474.89	-0.12
650.0	655.6	3.72	34.17	1474.81	1474.91	-0.10
655.0	660.7	3.71	34.18	1474.87	1474.97	-0.10
660.0	665.8	3.69	34.18	1474.88	1474.97	-0.09
665.0	670.8	3.68	34.18	1474.89	1474.99	-0.10
670.0	675.9	3.67	34.19	1474.95	1475.05	-0.10
675.0	680.9	3.66	34.19	1474.98	1475.08	-0.10
680.0	686.0	3.65	34.19	1475.05	1475.14	-0.09
685.0	691.0	3.64	34.21	1475.12	1475.20	-0.08
690.0	696.1	3.63	34.20	1475.16	1475.24	-0.08
695.0	701.1	3.63	34.21	1475.21	1475.31	-0.10
700.0	706.2	3.62	34.21	1475.26	1475.36	-0.10
705.0	711.2	3.60	34.21	1475.25	1475.36	-0.11
710.0	716.3	3.59	34.22	1475.31	1475.40	-0.09
715.0	721.4	3.58	34.22	1475.36	1475.47	-0.11
720.0	726.4	3.57	34.22	1475.40	1475.50	-0.10
725.0	731.5	3.56	34.23	1475.46	1475.56	-0.10
730.0	736.5	3.56	34.23	1475.51	1475.61	-0.10
735.0	741.6	3.54	34.23	1475.55	1475.65	-0.10
740.0	746.6	3.54	34.24	1475.61	1475.71	-0.10
745.0	751.7	3.53	34.24	1475.67	1475.77	-0.10
750.0	756.7	3.53	34.25	1475.74	1475.85	-0.11
755.0	761.8	3.52	34.25	1475.77	1475.88	-0.11
760.0	766.9	3.50	34.25	1475.78	1475.88	-0.10
765.0	771.9	3.49	34.25	1475.81	1475.92	-0.11
770.0	777.0	3.48	34.25	1475.84	1475.96	-0.12
775.0	782.0	3.46	34.26	1475.89	1476.00	-0.11
780.0	787.1	3.45	34.26	1475.88	1476.02	-0.14
785.0	792.1	3.43	34.27	1475.97	1476.06	-0.09
790.0	797.2	3.43	34.27	1476.04	1476.13	-0.09
795.0	802.3	3.43	34.28	1476.10	1476.20	-0.10
800.0	807.3	3.42	34.27	1476.14	1476.26	-0.12
Mean, Sigma & # of Sound Velocity differences					-0.10	0.011	40

L= 162.00

XSVT DATA
PLUS CALCULATED
SALINITY AT STATION 7

XSVT PROBE #000527

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEC C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.206	32.18	1504.11	1504.11	.00
10.26	10.34	15.128	32.42	1504.23	1504.22	.00
14.82	14.92	15.070	32.40	1504.11	1504.11	.00
19.94	20.08	15.040	32.52	1504.23	1504.22	-.01
25.06	25.24	15.050	32.48	1504.30	1504.31	.01
30.17	30.39	15.070	32.42	1504.38	1504.39	.01
35.28	35.53	15.040	32.51	1504.46	1504.46	.00
39.81	40.10	13.477	32.73	1499.71	1499.71	.00
44.92	45.24	11.582	32.81	1493.46	1493.45	-.01
50.01	50.37	10.762	32.58	1490.38	1490.39	.01
55.10	55.50	10.088	32.81	1488.32	1488.31	.00
60.19	60.62	9.424	32.88	1486.07	1486.06	-.01
65.28	65.75	9.131	32.92	1485.12	1485.11	.00
69.79	70.29	8.652	32.85	1483.33	1483.34	.01
74.87	75.41	8.291	32.80	1482.00	1482.00	.00
79.94	80.51	8.105	32.95	1481.55	1481.54	.00
85.01	85.62	7.900	33.02	1480.94	1480.93	-.01
90.07	90.72	7.665	33.04	1480.15	1480.14	-.01
95.13	95.81	7.499	33.02	1479.58	1479.59	.00
100.18	100.90	7.284	33.06	1478.87	1478.86	.00
105.23	105.99	7.079	33.08	1478.19	1478.17	-.01
110.28	111.07	6.855	33.27	1477.62	1477.62	.00
114.76	115.59	6.777	33.17	1477.28	1477.29	.01
119.80	120.66	6.659	33.42	1477.21	1477.20	-.01
124.83	125.73	6.571	33.45	1476.98	1476.97	-.01
129.86	130.80	6.532	33.44	1476.91	1476.91	.00
134.89	135.86	6.464	33.57	1476.87	1476.86	-.01
139.91	140.92	6.405	33.66	1476.83	1476.83	-.01
144.93	145.97	6.396	33.61	1476.83	1476.83	.00
149.94	151.02	6.366	33.68	1476.87	1476.86	-.01
154.95	156.06	6.347	33.71	1476.91	1476.91	.00
159.95	161.11	6.317	33.79	1476.98	1476.97	-.01
164.95	166.14	6.220	34.03	1476.98	1476.97	-.01
169.95	171.17	6.259	33.84	1476.98	1476.99	.01
174.94	176.20	6.230	33.93	1477.06	1477.05	-.01
179.93	181.23	6.220	33.86	1477.02	1477.03	.01
184.91	186.24	6.171	33.93	1476.98	1476.98	-.01
189.89	191.26	6.112	33.96	1476.87	1476.86	-.01
194.87	196.27	5.995	34.03	1476.57	1476.56	.00
199.84	201.28	5.995	33.83	1476.42	1476.42	.00
204.81	206.28	5.868	34.09	1476.30	1476.30	-.01
209.77	211.28	5.907	33.83	1476.23	1476.23	.00
214.73	216.27	5.722	34.13	1475.93	1475.92	-.01
220.23	221.82	5.731	33.93	1475.82	1475.82	.01
225.18	226.80	5.695	34.07	1475.52	1475.51	-.01
230.12	231.78	5.536	34.01	1475.29	1475.30	.01
235.07	236.76	5.497	33.95	1475.14	1475.15	.01
240.00	241.73	5.331	34.16	1474.80	1474.80	.00
244.93	246.70	5.370	33.96	1474.80	1474.81	.01
249.86	251.66	5.292	34.13	1474.77	1474.76	.00
254.79	256.62	5.223	34.07	1474.50	1474.51	.01
260.25	262.13	5.204	34.12	1474.58	1474.57	-.01
265.17	267.08	5.165	34.09	1474.47	1474.47	.01
270.08	272.02	5.067	34.11	1474.17	1474.16	-.01
274.99	276.97	5.087	33.86	1474.02	1474.02	.01

279.89	281.90	4.960	34.12	1473.90	1473.89	-.01
284.79	286.84	4.930	34.09	1473.83	1473.84	.01
290.23	292.31	4.872	34.10	1473.68	1473.68	.00
295.11	297.24	4.833	34.03	1473.53	1473.53	.00
300.00	302.16	4.833	34.04	1473.60	1473.60	.00
304.88	307.08	4.784	34.03	1473.49	1473.49	.00
309.76	311.99	4.803	33.97	1473.57	1473.57	.01
315.17	317.44	4.706	34.16	1473.49	1473.48	-.01
320.04	322.34	4.716	34.03	1473.46	1473.46	.01
324.90	327.24	4.696	34.04	1473.45	1473.45	-.01
329.76	332.14	4.657	34.10	1473.45	1473.44	-.01
335.16	337.57	4.618	34.03	1473.30	1473.30	.00
340.01	342.46	4.530	34.24	1473.27	1473.28	.00
344.85	347.34	4.579	33.95	1473.19	1473.20	.01
350.23	352.76	4.530	34.08	1473.23	1473.23	.00
355.07	357.63	4.471	34.05	1473.04	1473.05	.01
359.91	362.50	4.471	34.06	1473.12	1473.12	.00
364.73	367.36	4.403	34.24	1473.15	1473.14	-.01
370.09	372.76	4.383	34.11	1473.00	1473.01	.00
374.92	377.61	4.276	34.35	1472.93	1472.93	.00
380.27	383.00	4.315	34.11	1472.89	1472.89	.00
385.08	387.85	4.286	34.19	1472.93	1472.93	.00
389.88	392.69	4.335	33.96	1472.93	1472.94	.01
395.22	398.07	4.295	34.09	1473.00	1473.00	.00
400.02	402.90	4.286	34.04	1473.00	1473.01	.00
404.81	407.73	4.266	34.06	1473.00	1473.00	.00
410.13	413.09	4.256	34.08	1473.08	1473.07	-.01
414.92	417.91	4.227	34.17	1473.15	1473.15	-.01
420.23	423.26	4.247	34.06	1473.19	1473.20	.01
425.01	428.07	4.217	34.16	1473.27	1473.26	-.01
429.78	432.87	4.227	34.06	1473.27	1473.28	.01
435.08	438.21	4.217	34.09	1473.34	1473.33	-.01
439.84	443.01	4.208	34.29	1473.64	1473.63	-.01
445.13	448.33	4.149	34.20	1473.38	1473.38	.00
449.88	453.12	4.120	34.27	1473.42	1473.40	-.01
455.16	458.44	4.129	34.17	1473.42	1473.43	.01
459.90	463.22	4.159	34.04	1473.45	1473.46	.01
465.17	468.52	4.139	34.10	1473.53	1473.52	-.01
469.91	473.29	4.110	34.17	1473.57	1473.56	.00
475.17	478.59	4.081	34.22	1473.60	1473.59	-.01
479.89	483.35	4.081	34.15	1473.60	1473.61	.00
485.14	488.63	4.081	34.06	1473.57	1473.58	.01
489.86	493.39	4.051	34.16	1473.64	1473.63	-.01
495.10	498.66	4.012	34.22	1473.64	1473.63	-.01
499.81	503.41	4.051	34.08	1473.72	1473.72	.00
505.04	508.67	3.993	34.19	1473.68	1473.68	.00
510.26	513.93	3.983	34.21	1473.75	1473.75	-.01
514.96	518.66	3.963	34.22	1473.75	1473.75	.00
520.17	523.91	3.924	34.30	1473.79	1473.78	-.01
524.86	528.63	3.973	34.13	1473.87	1473.87	.00
530.06	533.88	3.954	34.17	1473.90	1473.90	.00
535.26	539.11	3.934	34.23	1473.98	1473.98	.00
539.93	543.82	3.895	34.32	1474.02	1474.01	-.01
545.12	549.04	3.905	34.21	1474.02	1474.02	.00
549.78	553.74	3.934	34.06	1474.02	1474.02	.01
554.96	558.96	3.866	34.28	1474.09	1474.08	-.01
560.13	564.17	3.875	34.18	1474.09	1474.10	.01
564.79	568.85	3.846	34.28	1474.17	1474.16	-.01
569.95	574.05	3.827	34.27	1474.17	1474.18	.01
575.11	579.25	3.827	34.30	1474.28	1474.27	.00
579.74	583.92	3.817	34.23	1474.24	1474.24	.00
584.89	589.10	3.817	34.26	1474.35	1474.34	-.01
590.04	594.28	3.817	34.28	1474.47	1474.46	-.01
595.17	599.46	3.807	34.24	1474.47	1474.47	.00
599.79	604.11	3.788	34.28	1474.50	1474.49	-.01
604.92	609.28	3.739	34.35	1474.47	1474.46	-.01

610.04	614.44	3.778	34.20	1474.54	1474.54	.00
615.16	619.59	3.797	34.11	1474.58	1474.59	.01
619.76	624.22	3.719	34.37	1474.65	1474.65	-.01
624.87	629.37	3.797	34.13	1474.77	1474.77	.01
629.97	634.51	3.739	34.29	1474.80	1474.80	-.01
635.07	639.64	3.768	34.21	1474.92	1474.92	.01
640.16	644.77	3.719	34.31	1474.92	1474.90	-.01
645.25	649.89	3.670	34.47	1474.99	1474.99	.00
649.82	654.50	3.748	34.17	1475.03	1475.03	.00
654.90	659.61	3.680	34.43	1475.14	1475.14	.00
659.97	664.72	3.700	34.32	1475.18	1475.19	.01
665.04	669.82	3.680	34.36	1475.22	1475.21	.00
670.10	674.92	3.680	34.38	1475.33	1475.32	.00
675.15	680.01	3.670	34.37	1475.37	1475.38	.01
680.20	685.10	3.700	34.23	1475.40	1475.41	.00
685.25	690.18	3.661	34.36	1475.48	1475.47	-.01
689.79	694.75	3.592	34.53	1475.48	1475.47	-.01
694.82	699.82	3.631	34.33	1475.48	1475.49	.01
699.85	704.89	3.602	34.37	1475.48	1475.47	-.01
704.88	709.95	3.592	34.36	1475.52	1475.53	.01
709.90	715.01	3.582	34.39	1475.59	1475.58	-.01
714.91	720.06	3.592	34.35	1475.67	1475.68	.01
719.92	725.11	3.543	34.48	1475.70	1475.70	-.01
724.93	730.15	3.582	34.34	1475.78	1475.79	.01
729.93	735.18	3.573	34.40	1475.89	1475.89	-.01
734.92	740.21	3.514	34.50	1475.85	1475.85	-.01
739.91	745.24	3.524	34.52	1476.00	1476.00	-.01
744.89	750.26	3.514	34.42	1475.93	1475.93	.00
749.87	755.27	3.573	34.28	1476.08	1476.09	.01
754.84	760.28	3.524	34.42	1476.12	1476.12	.00
759.81	765.28	3.504	34.45	1476.15	1476.15	.00
764.78	770.28	3.485	34.48	1476.19	1476.19	.00
770.23	775.77	3.553	34.23	1476.27	1476.27	.00
775.18	780.76	3.885	33.14	1476.34	1476.35	.00
780.13	785.74	3.817	33.31	1476.34	1476.34	-.01
785.07	790.72	3.866	33.13	1476.42	1476.42	.00
790.01	795.69	3.973	32.75	1476.46	1476.46	.00
794.94	800.66	3.866	33.11	1476.53	1476.53	.00
799.86	805.62	3.846	33.10	1476.53	1476.54	.01
804.78	810.58	4.081	32.41	1476.72	1476.72	.00
810.19	816.02	6.503	*****	1476.68	1480.38	.00
815.09	820.96	6.611	*****	1476.68	1480.38	.00
820.00	825.90	6.298	*****	1476.72	1479.20	.00
824.90	830.84	6.044	*****	1476.76	1478.26	.00
829.79	835.77	7.089	*****	1476.83	1482.53	.00
835.17	841.18	6.904	*****	1476.83	1481.88	.00
840.05	846.10	8.535	*****	1476.87	1488.33	.00
844.93	851.02	8.886	*****	1476.98	1489.75	.00
849.81	855.92	9.013	*****	1476.94	1490.31	.00
855.16	861.32	22.991	*****	1477.17	1534.77	.00
860.02	866.21	36.667	*****	1477.28	1564.15	.00
864.88	871.11	36.667	*****	1477.09	1564.23	.00
870.22	876.48	36.667	*****	1477.13	1564.32	.00

XSVT PROBE #000531

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.197	32.27	1504.19	1504.18	-.01
10.26	10.34	15.245	32.16	1504.30	1504.31	.01
14.82	14.92	15.138	32.33	1504.23	1504.22	.00
19.94	20.08	15.255	32.03	1504.34	1504.35	.01
25.06	25.24	15.138	32.45	1504.54	1504.53	-.01
30.17	30.39	15.118	32.36	1504.46	1504.47	.01
35.28	35.53	15.089	32.41	1504.50	1504.50	.00
39.81	40.10	13.214	32.52	1498.59	1498.59	.00
44.92	45.24	11.993	32.51	1494.53	1494.54	.00
50.01	50.37	11.162	32.56	1491.76	1491.76	.00
55.10	55.50	10.205	32.74	1488.66	1488.65	-.01
60.19	60.62	9.580	32.91	1486.68	1486.67	-.01
65.28	65.75	9.228	32.74	1485.27	1485.28	.01
69.79	70.29	8.838	32.88	1484.05	1484.05	.00
74.87	75.41	8.388	32.92	1482.50	1482.49	.00
79.94	80.51	8.193	32.76	1481.66	1481.67	.00
85.01	85.62	8.007	32.91	1481.21	1481.20	.00
90.07	90.72	7.851	32.88	1480.68	1480.68	.00
95.13	95.81	7.685	32.97	1480.22	1480.21	-.01
100.18	100.90	7.480	32.95	1479.51	1479.51	.00
105.23	105.99	7.294	33.05	1478.98	1478.97	-.01
110.28	111.07	7.050	33.01	1478.07	1478.08	.01
114.76	115.59	6.855	33.18	1477.58	1477.58	.00
119.80	120.66	6.737	33.33	1477.40	1477.39	-.01
124.83	125.73	6.689	33.25	1477.21	1477.21	.00
129.86	130.80	6.601	33.38	1477.09	1477.08	-.01
134.89	135.86	6.523	33.53	1477.06	1477.05	-.01
139.91	140.92	6.444	33.69	1477.02	1477.02	.00
144.93	145.97	6.444	33.55	1476.94	1476.95	.00
149.94	151.02	6.415	33.59	1476.94	1476.94	.00
154.95	156.06	6.357	33.70	1476.94	1476.93	-.01
159.95	161.11	6.366	33.66	1477.02	1477.02	.01
164.95	166.14	6.259	34.12	1477.25	1477.24	-.01
169.95	171.17	6.317	33.68	1477.02	1477.02	.00
174.94	176.20	6.249	33.87	1477.06	1477.05	-.01
179.93	181.23	6.239	33.86	1477.09	1477.10	.01
184.91	186.24	6.200	33.99	1477.17	1477.17	.00
189.89	191.26	6.190	33.92	1477.13	1477.14	.01
194.87	196.27	6.112	33.93	1476.91	1476.90	.00
199.84	201.28	6.044	33.92	1476.72	1476.73	.01
204.81	206.28	5.956	34.02	1476.57	1476.56	-.01
209.77	211.28	5.927	33.98	1476.49	1476.50	.01
214.73	216.27	5.917	33.89	1476.42	1476.43	.01
220.23	221.82	5.829	33.93	1476.19	1476.19	.00
225.18	226.80	5.731	34.05	1476.04	1476.03	-.01
230.12	231.78	5.653	34.18	1475.97	1475.96	.00
235.07	236.76	5.614	33.99	1475.67	1475.67	.00
240.00	241.73	5.516	34.07	1475.44	1475.43	-.01
244.93	246.70	5.526	33.94	1475.40	1475.41	.01
249.86	251.66	5.409	34.05	1475.14	1475.14	.00
254.79	256.62	5.380	34.04	1475.10	1475.11	.01
260.26	262.13	5.341	33.97	1474.95	1474.96	.00
265.17	267.08	5.214	34.18	1474.77	1474.76	.00
270.08	272.02	5.204	34.14	1474.77	1474.78	.01
274.99	276.97	5.175	34.02	1474.58	1474.59	.01

279.89	281.90	5.067	34.10	1474.32	1474.30	-.01
284.79	286.84	4.999	34.23	1474.28	1474.27	-.01
290.23	292.31	4.999	34.06	1474.17	1474.17	.00
295.11	297.24	4.921	34.14	1474.02	1474.01	-.01
300.00	302.16	4.901	34.04	1473.90	1473.90	.00
304.88	307.08	4.882	33.95	1473.79	1473.79	.00
309.76	311.99	4.842	34.06	1473.83	1473.82	-.01
315.17	317.44	4.803	34.02	1473.72	1473.73	.01
320.04	322.34	4.794	33.98	1473.72	1473.72	.00
324.90	327.24	4.755	34.03	1473.68	1473.68	.00
329.76	332.14	4.764	33.93	1473.68	1473.69	.01
335.16	337.57	4.706	34.05	1473.68	1473.67	-.01
340.01	342.46	4.657	34.09	1473.60	1473.60	-.01
344.85	347.34	4.628	34.05	1473.53	1473.53	.00
350.23	352.76	4.637	33.93	1473.49	1473.50	.01
355.07	357.63	4.579	33.97	1473.38	1473.37	-.01
359.91	362.50	4.569	33.87	1473.30	1473.30	.00
364.73	367.36	4.510	34.01	1473.30	1473.29	-.01
370.09	372.76	4.403	34.32	1473.34	1473.33	-.01
374.92	377.61	4.403	34.22	1473.30	1473.31	.01
380.27	383.00	4.432	34.03	1473.27	1473.28	.01
385.08	387.85	4.383	34.05	1473.15	1473.15	.00
389.88	392.69	4.413	33.88	1473.15	1473.16	.01
395.22	398.07	4.295	34.20	1473.15	1473.15	-.01
400.02	402.90	4.286	34.16	1473.15	1473.16	.01
404.81	407.73	4.247	34.26	1473.19	1473.18	-.01
410.13	413.09	4.286	34.12	1473.27	1473.28	.01
414.92	417.91	4.256	34.19	1473.30	1473.29	-.01
420.23	423.26	4.286	34.02	1473.30	1473.31	.01
425.01	428.07	4.217	34.25	1473.38	1473.37	.00
429.78	432.87	4.198	34.28	1473.42	1473.41	.00
435.08	438.21	4.168	34.34	1473.45	1473.45	.00
439.84	443.01	4.188	34.29	1473.57	1473.57	.01
445.13	448.33	4.217	34.13	1473.57	1473.58	.01
449.88	453.12	4.198	34.20	1473.64	1473.64	.00
455.16	458.44	4.188	34.09	1473.57	1473.57	.00
459.90	463.22	4.149	34.23	1473.64	1473.64	.00
465.17	468.52	4.120	34.25	1473.64	1473.63	-.01
469.91	473.29	4.159	34.11	1473.72	1473.72	.00
475.17	478.59	4.139	34.15	1473.75	1473.74	-.01
479.89	483.35	4.110	34.30	1473.90	1473.89	-.01
485.14	488.63	4.061	34.39	1473.90	1473.89	-.01
489.86	493.39	4.071	34.26	1473.87	1473.87	.00
495.10	498.66	4.090	34.13	1473.87	1473.87	.00
499.81	503.41	3.983	34.46	1473.90	1473.90	-.01
505.04	508.67	4.002	34.32	1473.90	1473.91	.00
510.26	513.93	3.993	34.28	1473.90	1473.90	.00
514.96	518.66	3.983	34.33	1473.98	1473.98	.00
520.17	523.91	3.954	34.35	1473.98	1473.97	-.01
524.86	528.63	3.954	34.34	1474.05	1474.06	.00
530.06	533.88	3.973	34.27	1474.13	1474.13	.01
535.26	539.11	3.924	34.40	1474.17	1474.15	-.01
539.93	543.82	3.944	34.27	1474.17	1474.17	.01
545.12	549.04	3.944	34.30	1474.28	1474.27	-.01
549.78	553.74	3.963	34.11	1474.20	1474.21	.01
554.96	558.96	3.905	34.33	1474.32	1474.31	-.01
560.13	564.17	3.916	34.25	1474.35	1474.36	.01
564.79	568.85	3.895	34.23	1474.32	1474.33	.01
569.95	574.05	3.817	34.48	1474.39	1474.38	-.01
575.11	579.25	3.807	34.44	1474.39	1474.40	.01
579.74	583.92	3.807	34.48	1474.50	1474.50	.00
584.89	589.10	3.778	34.51	1474.50	1474.50	.00
590.04	594.28	3.817	34.36	1474.58	1474.58	.00
595.17	599.46	3.817	34.33	1474.62	1474.63	.01
599.79	604.11	3.778	34.43	1474.65	1474.64	-.01
604.92	609.28	3.817	34.32	1474.77	1474.78	.01

610.04	614.44	3.768	34.45	1474.80	1474.80	-.01
615.16	619.59	3.758	34.41	1474.80	1474.81	.01
619.76	624.22	3.807	34.25	1474.88	1474.89	.01
624.87	629.37	3.748	34.38	1474.88	1474.87	-.01
629.97	634.51	3.758	34.34	1474.95	1474.97	.01
635.07	639.64	3.739	34.37	1474.99	1474.98	-.01
640.16	644.77	3.719	34.52	1475.18	1475.18	.00
645.25	649.89	3.709	34.47	1475.18	1475.18	.00
649.82	654.50	3.739	34.32	1475.18	1475.19	.01
654.90	659.61	3.709	34.39	1475.22	1475.21	-.01
659.97	664.72	3.680	34.42	1475.22	1475.21	-.01
665.04	669.82	3.700	34.34	1475.29	1475.30	.01
670.10	674.92	3.651	34.53	1475.40	1475.40	-.01
675.15	680.01	3.709	34.30	1475.44	1475.45	.01
680.20	685.10	3.690	34.42	1475.59	1475.58	-.01
685.25	690.18	3.680	34.35	1475.55	1475.56	.01
689.79	694.75	3.631	34.58	1475.70	1475.70	.00
694.82	699.82	3.680	34.34	1475.70	1475.71	.00
699.85	704.89	3.641	34.47	1475.78	1475.77	-.01
704.88	709.95	3.641	34.43	1475.82	1475.82	.01
709.90	715.01	3.602	34.44	1475.74	1475.73	-.01
714.91	720.06	3.621	34.37	1475.82	1475.83	.01
719.92	725.11	3.543	34.60	1475.85	1475.85	.00
724.93	730.15	3.573	34.48	1475.93	1475.93	.00
729.93	735.18	3.563	34.49	1475.97	1475.96	-.01
734.92	740.21	3.573	34.38	1475.97	1475.97	.00
739.91	745.24	3.514	34.58	1476.04	1476.03	-.01
744.89	750.26	3.495	34.61	1476.08	1476.07	-.01
749.87	755.27	3.514	34.56	1476.19	1476.20	.01
754.84	760.28	3.524	34.46	1476.19	1476.19	.00
759.81	765.28	3.524	34.40	1476.19	1476.20	.00
764.78	770.28	3.504	34.50	1476.30	1476.30	-.01
770.23	775.77	3.495	34.58	1476.46	1476.45	.00
775.18	780.76	3.455	34.61	1476.42	1476.40	-.01
780.13	785.74	3.504	34.41	1476.46	1476.46	.01
785.07	790.72	3.426	34.70	1476.57	1476.56	-.01
790.01	795.69	3.495	34.43	1476.61	1476.61	.01
794.94	800.66	3.455	34.54	1476.64	1476.64	.00
799.86	805.62	3.416	34.63	1476.68	1476.67	-.01
804.78	810.58	3.465	34.48	1476.79	1476.79	.00
810.19	816.02	3.485	34.38	1476.83	1476.84	.01
815.10	820.97	3.397	34.62	1476.83	1476.83	.00
820.00	825.91	3.387	34.67	1476.94	1476.93	-.01
824.90	830.84	3.436	34.47	1476.98	1476.99	.01
829.80	835.77	3.387	34.61	1477.02	1477.02	.00
835.18	841.19	3.348	34.66	1477.02	1477.01	-.01
840.06	846.11	3.377	34.56	1477.09	1477.11	.01
844.94	851.02	3.377	34.52	1477.13	1477.14	.00
849.81	855.93	3.368	34.49	1477.13	1477.14	.01
855.16	861.32	3.348	34.55	1477.21	1477.20	-.01
860.03	866.22	3.299	34.71	1477.28	1477.27	-.01
864.88	871.11	3.377	34.41	1477.32	1477.32	.00
870.22	876.49	3.309	34.66	1477.43	1477.42	-.01

XSVT PROBE #000532

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.177	32.19	1504.03	1504.03	-.01
10.26	10.34	15.118	32.38	1504.15	1504.14	-.01
14.82	14.92	15.099	32.43	1504.23	1504.22	-.01
19.94	20.08	15.021	32.61	1504.27	1504.26	.00
25.06	25.24	15.040	32.57	1504.38	1504.38	.00
30.17	30.39	15.050	32.51	1504.42	1504.43	.01
35.28	35.53	15.011	32.62	1504.50	1504.49	.00
39.81	40.10	12.940	32.64	1497.81	1497.81	.00
44.92	45.24	11.651	32.71	1493.57	1493.57	.00
50.01	50.37	10.938	32.83	1491.30	1491.30	-.01
55.10	55.50	10.029	32.89	1488.20	1488.20	-.01
60.19	60.62	9.375	32.86	1485.88	1485.88	.00
65.28	65.75	9.043	32.87	1484.74	1484.73	-.01
69.79	70.29	8.632	32.92	1483.33	1483.33	.00
74.87	75.41	8.252	32.99	1482.08	1482.07	-.01
79.94	80.51	8.056	32.91	1481.32	1481.33	.01
85.01	85.62	7.851	33.02	1480.75	1480.75	-.01
90.07	90.72	7.734	33.13	1480.53	1480.52	-.01
95.13	95.81	7.538	33.22	1479.96	1479.96	.00
100.18	100.90	7.343	33.14	1479.21	1479.22	.01
105.23	105.99	7.128	33.17	1478.49	1478.48	-.01
110.28	111.07	6.913	33.16	1477.73	1477.73	.00
114.76	115.59	6.737	33.40	1477.40	1477.39	.00
119.80	120.66	6.650	33.51	1477.28	1477.27	-.01
124.83	125.73	6.620	33.38	1477.09	1477.10	.01
129.86	130.80	6.484	33.66	1476.98	1476.97	-.01
134.89	135.86	6.503	33.56	1477.02	1477.03	.01
139.91	140.92	6.464	33.58	1476.94	1476.95	.00
144.93	145.97	6.317	33.93	1476.91	1476.90	-.01
149.94	151.02	6.298	33.96	1476.94	1476.94	.00
154.95	156.06	6.317	33.85	1476.98	1476.99	.01
159.95	161.11	6.298	33.91	1477.06	1477.05	-.01
164.95	166.14	6.259	33.94	1477.02	1477.01	-.01
169.95	171.17	6.249	33.93	1477.06	1477.07	.01
174.94	176.20	6.200	34.00	1477.02	1477.02	.00
179.93	181.23	6.190	33.99	1477.06	1477.07	.01
184.91	186.24	6.171	34.02	1477.09	1477.09	-.01
189.89	191.26	6.142	34.01	1477.06	1477.07	.01
194.87	196.27	6.034	34.05	1476.76	1476.74	-.01
199.84	201.28	6.005	34.01	1476.68	1476.69	.00
204.81	206.28	5.917	34.09	1476.49	1476.49	.00
209.77	211.28	5.907	34.07	1476.53	1476.53	.00
214.73	216.27	5.849	34.01	1476.30	1476.31	.00
220.23	221.82	5.712	34.24	1476.12	1476.11	.00
225.18	226.80	5.702	34.11	1476.00	1476.01	.01
230.12	231.78	5.663	34.15	1475.97	1475.96	.00
235.07	236.76	5.585	34.11	1475.70	1475.71	.00
240.00	241.73	5.516	34.19	1475.59	1475.59	-.01
244.93	246.70	5.497	34.06	1475.44	1475.45	.01
249.86	251.66	5.399	34.04	1475.10	1475.11	.01
254.79	256.62	5.350	34.17	1475.14	1475.13	-.01
260.25	262.13	5.341	34.15	1475.18	1475.18	.01
265.17	267.08	5.233	34.14	1474.80	1474.81	.01
270.08	272.02	5.175	34.24	1474.77	1474.76	.00
274.99	276.97	5.214	33.95	1474.65	1474.66	.00

279.89	281.90	5.077	34.13	1474.39	1474.38	-.01
284.79	286.84	5.018	34.23	1474.35	1474.35	.00
290.23	292.31	4.999	34.03	1474.13	1474.13	.00
295.11	297.24	4.979	34.07	1474.17	1474.16	-.01
300.00	302.16	4.862	34.18	1473.90	1473.90	-.01
304.88	307.08	4.862	34.05	1473.83	1473.84	.01
309.76	311.99	4.803	34.24	1473.90	1473.89	-.01
315.17	317.44	4.794	33.99	1473.64	1473.65	.01
320.04	322.34	4.716	34.19	1473.64	1473.64	.00
324.90	327.24	4.686	34.28	1473.72	1473.71	.00
329.76	332.14	4.686	34.18	1473.68	1473.69	.01
335.16	337.57	4.706	34.04	1473.68	1473.68	.00
340.01	342.46	4.628	34.21	1473.64	1473.63	-.01
344.85	347.34	4.618	34.14	1473.60	1473.60	.00
350.23	352.76	4.569	34.09	1473.42	1473.43	.01
355.07	357.63	4.549	34.10	1473.42	1473.41	-.01
359.91	362.50	4.569	33.96	1473.42	1473.42	.00
364.73	367.36	4.491	34.10	1473.34	1473.33	-.01
370.09	372.76	4.471	34.13	1473.38	1473.37	-.01
374.92	377.61	4.413	34.23	1473.34	1473.34	.00
380.27	383.00	4.374	34.19	1473.23	1473.24	.01
385.08	387.85	4.374	34.22	1473.34	1473.33	-.01
389.88	392.69	4.383	34.12	1473.34	1473.35	.00
395.22	398.07	4.374	33.99	1473.23	1473.23	.00
400.02	402.90	4.295	34.20	1473.23	1473.22	-.01
404.81	407.73	4.256	34.23	1473.19	1473.18	-.01
410.13	413.09	4.247	34.25	1473.27	1473.25	-.01
414.92	417.91	4.237	34.28	1473.34	1473.33	-.01
420.23	423.26	4.256	34.17	1473.38	1473.38	.00
425.01	428.07	4.247	34.18	1473.42	1473.41	-.01
429.78	432.87	4.256	34.17	1473.53	1473.54	.01
435.08	438.21	4.208	34.29	1473.57	1473.55	-.01
439.84	443.01	4.188	34.33	1473.60	1473.60	.00
445.13	448.33	4.208	34.19	1473.60	1473.62	.01
449.88	453.12	4.208	34.15	1473.64	1473.64	.00
455.16	458.44	4.159	34.23	1473.60	1473.60	.00
459.90	463.22	4.100	34.39	1473.64	1473.64	.00
465.17	468.52	4.129	34.27	1473.72	1473.72	.00
469.91	473.29	4.100	34.32	1473.72	1473.71	.00
475.17	478.59	4.120	34.26	1473.83	1473.83	.00
479.89	483.35	4.090	34.34	1473.87	1473.86	.00
485.14	488.63	4.081	34.32	1473.90	1473.91	.01
489.86	493.39	4.090	34.41	1474.13	1474.12	-.01
495.10	498.66	4.100	34.30	1474.13	1474.13	.00
499.81	503.41	4.042	34.26	1473.90	1473.91	.01
505.04	508.67	3.973	34.43	1473.90	1473.90	.00
510.26	513.93	4.051	34.15	1473.98	1473.98	.00
514.96	518.66	4.012	34.23	1473.98	1473.97	-.01
520.17	523.91	3.983	34.37	1474.13	1474.12	-.01
524.86	528.63	3.993	34.27	1474.13	1474.13	.00
530.06	533.88	3.973	35.10	1475.18	1475.18	.00
535.26	539.11	3.983	34.23	1474.20	1474.21	.01
539.93	543.82	3.934	34.34	1474.20	1474.20	-.01
545.12	549.04	3.895	34.40	1474.20	1474.20	-.01
549.78	553.74	3.924	34.27	1474.24	1474.25	.01
554.96	558.96	3.866	34.46	1474.32	1474.31	.00
560.13	564.17	3.973	34.09	1474.39	1474.40	.01
564.79	568.85	3.885	34.33	1474.39	1474.39	.00
569.95	574.05	3.866	34.38	1474.47	1474.46	-.01
575.11	579.25	3.885	34.24	1474.47	1474.47	.00
579.74	583.92	3.875	34.29	1474.54	1474.54	.00
584.89	589.10	3.827	34.40	1474.58	1474.56	-.01
590.04	594.28	3.895	34.11	1474.58	1474.59	.01
595.17	599.46	3.817	34.34	1474.62	1474.61	.00
599.79	604.11	3.788	34.40	1474.65	1474.65	-.01
604.92	609.28	3.827	34.29	1474.77	1474.78	.01

610.04	614.44	3.778	34.42	1474.80	1474.80	.00
615.16	619.59	3.788	34.34	1474.84	1474.85	.01
619.76	624.22	3.797	34.25	1474.84	1474.85	.00
624.87	629.37	3.748	34.41	1474.92	1474.90	-.01
629.97	634.51	3.758	34.39	1475.03	1475.03	.00
635.07	639.64	3.758	34.36	1475.07	1475.08	.01
640.16	644.77	3.719	34.46	1475.10	1475.10	-.01
645.25	649.89	3.748	34.32	1475.14	1475.15	.01
649.82	654.50	3.690	34.49	1475.18	1475.17	.00
654.90	659.61	3.670	36.09	1477.25	1477.24	-.01
659.97	664.72	3.690	34.44	1475.29	1475.30	.01
665.04	669.82	3.680	34.47	1475.37	1475.36	-.01
670.10	674.92	3.680	34.46	1475.44	1475.45	.01
675.15	680.01	3.651	34.55	1475.52	1475.50	-.01
680.20	685.10	3.670	34.48	1475.59	1475.60	.01
685.25	690.18	3.680	34.44	1475.67	1475.68	.01
689.79	694.75	3.661	34.45	1475.67	1475.66	-.01
694.82	699.82	3.690	34.31	1475.70	1475.71	.01
699.85	704.89	3.651	34.50	1475.85	1475.85	-.01
704.88	709.95	3.621	34.47	1475.78	1475.79	.01
709.90	715.01	3.573	34.57	1475.78	1475.77	.00
714.91	720.06	3.563	34.60	1475.85	1475.85	.00
719.92	725.11	3.612	34.42	1475.93	1475.94	.01
724.93	730.15	3.553	34.59	1475.97	1475.96	.00
729.93	735.18	3.621	34.32	1476.00	1476.01	.01
734.92	740.21	3.504	34.68	1476.04	1476.04	.00
739.91	745.24	3.573	34.44	1476.12	1476.13	.01
744.89	750.26	3.485	34.67	1476.12	1476.11	-.01
749.87	755.27	3.543	34.47	1476.19	1476.20	.01
754.84	760.28	3.514	34.54	1476.23	1476.23	.00
759.81	765.28	3.495	34.52	1476.23	1476.23	.00
764.78	770.28	3.485	34.62	1476.38	1476.37	-.01
770.23	775.77	3.514	34.48	1476.42	1476.43	.01
775.18	780.76	3.446	34.64	1476.42	1476.41	-.01
780.13	785.74	3.475	34.56	1476.53	1476.53	.00
785.07	790.72	3.446	34.66	1476.61	1476.59	-.01
790.01	795.69	3.446	34.56	1476.57	1476.57	.00
794.94	800.66	3.504	34.40	1476.68	1476.69	.01
799.86	805.62	3.455	34.56	1476.76	1476.75	-.01
804.78	810.58	3.436	34.59	1476.79	1476.79	-.01
810.19	816.02	3.455	34.48	1476.83	1476.84	.01
815.10	820.97	3.446	34.51	1476.91	1476.90	-.01
820.00	825.91	3.407	34.61	1476.94	1476.94	.00
824.90	830.84	3.387	34.64	1476.98	1476.98	.00
829.80	835.77	3.426	34.53	1477.09	1477.11	.01
835.18	841.19	3.387	34.65	1477.17	1477.16	-.01
840.06	846.11	3.348	34.66	1477.09	1477.09	-.01
844.94	851.02	3.309	34.84	1477.25	1477.24	-.01
849.81	855.93	3.348	34.61	1477.21	1477.21	.00
855.16	861.32	3.368	34.54	1477.28	1477.29	.01
860.03	866.22	3.348	34.58	1477.32	1477.31	-.01
864.88	871.11	3.299	34.71	1477.36	1477.36	.00
870.22	876.49	3.260	34.85	1477.47	1477.46	-.01

XSVT PROBE #0000533

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.216	32.25	1504.23	1504.22	-.01
10.26	10.34	15.138	32.39	1504.23	1504.22	-.01
14.82	14.92	15.099	32.40	1504.19	1504.18	-.01
19.94	20.08	15.079	32.45	1504.27	1504.26	-.01
25.06	25.24	15.099	32.38	1504.34	1504.35	.01
30.17	30.39	15.050	32.55	1504.46	1504.45	-.01
35.28	35.53	14.982	32.42	1504.19	1504.19	.01
39.81	40.10	12.667	32.63	1496.89	1496.88	-.01
44.92	45.24	11.446	32.76	1492.92	1492.91	.00
50.01	50.37	10.625	32.70	1490.04	1490.05	.01
55.10	55.50	9.941	32.84	1487.82	1487.82	.00
60.19	60.62	9.258	32.81	1485.38	1485.39	.01
65.28	65.75	8.808	32.94	1483.94	1483.94	.00
69.79	70.29	8.418	32.98	1482.61	1482.60	-.01
74.87	75.41	8.291	32.83	1482.04	1482.04	.00
79.94	80.51	8.056	32.89	1481.28	1481.28	.00
85.01	85.62	7.822	33.02	1480.64	1480.64	-.01
90.07	90.72	7.734	33.16	1480.56	1480.56	-.01
95.13	95.81	7.607	32.93	1479.88	1479.89	.01
100.18	100.90	7.431	33.02	1479.39	1479.38	-.01
105.23	105.99	7.216	32.89	1478.49	1478.50	.01
110.28	111.07	6.884	33.24	1477.70	1477.70	.00
114.76	115.59	6.786	33.27	1477.43	1477.42	-.01
119.80	120.66	6.689	33.33	1477.21	1477.20	-.01
124.83	125.73	6.581	33.51	1477.09	1477.08	-.01
129.86	130.80	6.601	33.37	1477.09	1477.10	.00
134.89	135.86	6.542	33.38	1476.94	1476.93	-.01
139.91	140.92	6.435	33.71	1477.02	1477.01	-.01
144.93	145.97	6.415	33.61	1476.91	1476.91	.00
149.94	151.02	6.376	33.71	1476.94	1476.94	-.01
154.95	156.06	6.308	33.92	1477.02	1477.02	.00
159.95	161.11	6.327	33.75	1476.98	1476.98	.00
164.95	166.14	6.288	33.91	1477.09	1477.09	-.01
169.95	171.17	6.259	33.94	1477.09	1477.09	.00
174.94	176.20	6.317	33.68	1477.09	1477.10	.01
179.93	181.23	6.269	33.81	1477.13	1477.13	.00
184.91	186.24	6.230	33.89	1477.17	1477.16	-.01
189.89	191.26	6.190	33.96	1477.17	1477.17	.00
194.87	196.27	6.103	33.99	1476.94	1476.94	.00
199.84	201.28	6.015	34.08	1476.79	1476.79	-.01
204.81	206.28	6.083	33.76	1476.76	1476.76	.01
209.77	211.28	5.937	33.90	1476.42	1476.41	.00
214.73	216.27	5.907	33.89	1476.38	1476.39	.01
220.23	221.82	5.819	33.99	1476.23	1476.23	.00
225.18	226.80	5.790	33.89	1476.08	1476.09	.01
230.12	231.78	5.702	34.05	1476.00	1475.99	-.01
235.07	236.76	5.614	34.09	1475.78	1475.77	-.01
240.00	241.73	5.565	34.02	1475.59	1475.59	.00
244.93	246.70	5.546	33.90	1475.44	1475.44	.00
249.86	251.66	5.389	34.26	1475.33	1475.32	-.01
254.79	256.62	5.399	34.04	1475.18	1475.19	.01
260.25	262.13	5.350	34.07	1475.10	1475.09	-.01
265.17	267.08	5.263	34.01	1474.77	1474.77	.01
270.08	272.02	5.253	33.89	1474.65	1474.66	.01
274.99	276.97	5.126	34.13	1474.50	1474.50	.00

279.89	281.90	5.106	33.94	1474.28	1474.28	.01
284.79	286.84	5.087	33.91	1474.24	1474.25	.01
290.23	292.31	4.979	34.19	1474.24	1474.23	-.01
295.11	297.24	4.979	34.06	1474.17	1474.17	.00
300.00	302.16	4.901	34.01	1473.87	1473.87	.00
304.88	307.08	4.882	33.93	1473.75	1473.77	.01
309.76	311.99	4.823	34.06	1473.75	1473.74	-.01
315.17	317.44	4.794	33.96	1473.60	1473.61	.01
320.04	322.34	4.803	33.99	1473.75	1473.74	-.01
324.90	327.24	4.716	34.15	1473.68	1473.67	-.01
329.76	332.14	4.764	33.93	1473.68	1473.69	.01
335.16	337.57	4.696	34.06	1473.64	1473.64	.00
340.01	342.46	4.667	34.02	1473.57	1473.57	.01
344.85	347.34	4.647	33.99	1473.53	1473.53	.00
350.23	352.76	4.657	33.83	1473.45	1473.46	.00
355.07	357.63	4.579	34.15	1473.60	1473.60	-.01
359.91	362.50	4.530	34.09	1473.42	1473.42	.01
364.73	367.36	4.471	34.01	1473.15	1473.16	.00
370.09	372.76	4.374	34.33	1473.23	1473.23	.00
374.92	377.61	4.452	34.03	1473.27	1473.27	.00
380.27	383.00	4.481	33.96	1473.38	1473.39	.01
385.08	387.85	4.452	33.87	1473.23	1473.23	.00
389.88	392.69	4.364	34.05	1473.15	1473.15	.00
395.22	398.07	4.335	34.07	1473.15	1473.14	-.01
400.02	402.90	4.325	34.03	1473.15	1473.16	.00
404.81	407.73	4.325	34.04	1473.23	1473.22	-.01
410.13	413.09	4.315	34.02	1473.27	1473.27	.00
414.92	417.91	4.295	34.00	1473.23	1473.24	.01
420.23	423.26	4.247	34.13	1473.27	1473.27	.00
425.01	428.07	4.237	34.18	1473.38	1473.37	-.01
429.78	432.87	4.247	34.08	1473.38	1473.38	.01
435.08	438.21	4.237	34.07	1473.42	1473.42	.00
439.84	443.01	4.276	33.92	1473.45	1473.47	.01
445.13	448.33	4.237	34.01	1473.49	1473.48	-.01
449.88	453.12	4.159	34.26	1473.57	1473.55	-.01
455.16	458.44	4.149	34.22	1473.57	1473.57	.01
459.90	463.22	4.198	34.03	1473.60	1473.61	.01
465.17	468.52	4.188	34.02	1473.64	1473.64	.00
469.91	473.29	4.168	34.07	1473.68	1473.68	.00
475.17	478.59	4.139	34.15	1473.75	1473.74	-.01
479.89	483.35	4.149	34.11	1473.83	1473.84	.01
485.14	488.63	4.139	34.07	1473.83	1473.83	.00
489.86	493.39	4.149	33.98	1473.83	1473.83	.01
495.10	498.66	4.032	34.36	1473.90	1473.90	-.01
499.81	503.41	4.061	34.17	1473.87	1473.88	.01
505.04	508.67	4.061	34.07	1473.83	1473.83	.00
510.26	513.93	4.051	34.11	1473.90	1473.90	.00
514.96	518.66	3.993	34.23	1473.90	1473.89	-.01
520.17	523.91	3.973	34.25	1473.94	1473.93	-.01
524.86	528.63	4.012	34.09	1473.98	1473.98	.00
530.06	533.88	4.002	34.16	1474.09	1474.09	.00
535.26	539.11	3.963	34.28	1474.17	1474.16	.00
539.93	543.82	3.954	34.21	1474.13	1474.14	.01
545.12	549.04	3.993	34.04	1474.17	1474.17	.00
549.78	553.74	3.954	34.12	1474.17	1474.16	-.01
554.96	558.96	3.944	34.17	1474.28	1474.27	-.01
560.13	564.17	3.963	34.09	1474.35	1474.35	.00
564.79	568.85	3.895	34.27	1474.35	1474.35	.00
569.95	574.05	3.885	34.25	1474.39	1474.39	.00
575.11	579.25	3.915	34.09	1474.39	1474.40	.01
579.74	583.92	3.817	34.36	1474.39	1474.39	.00
584.89	589.10	3.846	34.25	1474.47	1474.48	.01
590.04	594.28	3.866	34.17	1474.54	1474.54	.00
595.17	599.46	3.836	34.30	1474.65	1474.64	-.01
599.79	604.11	3.817	34.27	1474.62	1474.63	.01
604.92	609.28	3.836	34.17	1474.65	1474.66	.01

610.04	614.44	3.827	34.20	1474.73	1474.72	-.01
615.16	619.59	3.739	34.45	1474.77	1474.76	-.01
619.76	624.22	3.827	34.12	1474.80	1474.80	.00
624.87	629.37	3.758	34.29	1474.80	1474.79	-.01
629.97	634.51	3.807	34.12	1474.88	1474.89	.01
635.07	639.64	3.700	34.44	1474.92	1474.91	-.01
640.16	644.77	3.758	34.29	1475.07	1475.07	.00
645.25	649.89	3.788	34.13	1475.07	1475.07	.01
649.82	654.50	3.739	34.30	1475.14	1475.14	-.01
654.90	659.61	3.788	35.71	1477.25	1477.24	.00
659.97	664.72	3.680	34.38	1475.18	1475.18	.00
665.04	669.82	3.788	33.99	1475.22	1475.22	.00
670.10	674.92	3.719	34.28	1475.37	1475.36	-.01
675.15	680.01	3.700	34.31	1475.40	1475.40	.00
680.20	685.10	3.660	34.34	1475.44	1475.44	.00
685.25	690.18	3.719	34.19	1475.52	1475.52	.00
689.79	694.75	3.709	34.24	1475.59	1475.59	.00
694.82	699.82	3.690	34.29	1475.67	1475.66	-.01
699.85	704.89	3.690	34.22	1475.67	1475.68	.01
704.88	709.95	3.670	34.29	1475.74	1475.74	.00
709.90	715.01	3.612	34.38	1475.70	1475.69	-.01
714.91	720.06	3.592	34.44	1475.78	1475.77	-.01
719.92	725.11	3.582	34.40	1475.78	1475.78	.01
724.93	730.15	3.631	34.26	1475.89	1475.89	.00
729.93	735.18	3.553	34.49	1475.93	1475.92	-.01
734.92	740.21	3.582	34.35	1475.97	1475.97	.00
739.91	745.24	3.553	34.43	1476.00	1476.00	.00
744.89	750.26	3.563	34.41	1476.12	1476.13	.01
749.87	755.27	3.543	34.42	1476.12	1476.11	.00
754.84	760.28	3.543	34.40	1476.19	1476.20	.00
759.81	765.28	3.553	34.43	1476.34	1476.33	-.01
764.78	770.28	3.543	34.30	1476.23	1476.23	.00
770.23	775.77	3.524	34.39	1476.34	1476.33	-.01
775.18	780.76	3.514	34.42	1476.42	1476.41	-.01
780.13	785.74	3.465	34.52	1476.42	1476.41	-.01
785.07	790.72	3.475	34.47	1476.49	1476.50	.00
790.01	795.69	3.563	34.24	1476.64	1476.65	.01
794.94	800.66	3.446	34.57	1476.64	1476.64	.00
799.86	805.62	3.446	34.49	1476.64	1476.64	.00
804.78	810.58	3.504	34.36	1476.79	1476.80	.01
810.19	816.02	3.465	34.40	1476.76	1476.75	.00
815.10	820.97	3.426	34.52	1476.83	1476.82	-.01
820.00	825.91	3.407	34.55	1476.87	1476.86	-.01
824.90	830.84	3.465	34.34	1476.94	1476.95	.00
829.80	835.77	3.426	34.42	1476.94	1476.94	-.01
835.18	841.19	3.358	34.60	1476.98	1476.97	-.01
840.06	846.11	3.416	34.37	1477.02	1477.03	.01
844.94	851.02	3.416	34.40	1477.13	1477.12	-.01
849.81	855.93	3.377	34.56	1477.25	1477.24	.00
855.16	861.32	3.338	34.55	1477.17	1477.18	.01
860.03	866.22	3.377	34.42	1477.25	1477.26	.01
864.88	871.11	3.387	34.38	1477.32	1477.33	.01
870.22	876.49	3.338	34.57	1477.43	1477.43	-.01

XSVT PROBE #000534

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.109	32.41	1504.07	1504.07	-.01
10.26	10.34	15.128	32.45	1504.27	1504.26	-.01
14.82	14.92	15.060	32.51	1504.19	1504.19	.00
19.94	20.08	15.050	32.53	1504.27	1504.26	.00
25.06	25.24	15.031	32.61	1504.38	1504.38	.00
30.17	30.39	14.991	32.65	1504.38	1504.38	.00
35.28	35.53	15.021	32.51	1504.42	1504.42	.00
39.81	40.10	13.380	32.67	1499.33	1499.32	-.01
44.92	45.24	11.993	32.94	1495.03	1495.03	-.01
50.01	50.37	12.891	*****	1491.46	1492.26	-.01
55.10	55.50	11.739	27.57	1487.90	1487.91	.01
60.19	60.62	10.850	27.99	1485.31	1485.31	.00
65.28	65.75	10.234	28.54	1483.82	1483.82	.00
69.79	70.29	9.736	28.98	1482.61	1482.61	.00
74.87	75.41	9.492	29.15	1482.00	1481.99	-.01
79.94	80.51	9.258	28.98	1481.02	1481.02	.00
85.01	85.62	9.033	29.24	1480.56	1480.56	-.01
90.07	90.72	9.023	28.95	1480.26	1480.27	.01
95.13	95.81	8.965	28.57	1479.66	1479.67	.01
100.18	100.90	8.652	29.01	1479.09	1479.09	-.01
105.23	105.99	8.349	29.42	1478.53	1478.52	.00
110.28	111.07	8.095	29.56	1477.81	1477.81	.00
114.76	115.59	7.939	29.68	1477.43	1477.43	.00
119.80	120.66	7.763	30.01	1477.25	1477.24	.00
124.83	125.73	7.665	30.16	1477.13	1477.13	.00
129.86	130.80	7.626	30.14	1477.06	1477.06	.01
134.89	135.86	7.529	30.30	1476.94	1476.94	.00
139.91	140.92	7.441	30.47	1476.91	1476.89	-.01
144.93	145.97	7.402	30.53	1476.91	1476.90	-.01
149.94	151.02	7.333	30.71	1476.94	1476.94	-.01
154.95	156.06	7.382	30.48	1476.94	1476.95	.00
159.95	161.11	7.314	30.64	1476.94	1476.94	.00
164.95	166.14	7.275	30.76	1477.02	1477.02	.00
169.95	171.17	7.284	30.68	1477.06	1477.06	.00
174.94	176.20	7.236	30.78	1477.06	1477.06	.00
179.93	181.23	7.177	30.96	1477.13	1477.13	.00
184.91	186.24	7.206	30.73	1477.06	1477.06	.01
189.89	191.26	7.148	30.80	1476.98	1476.98	.00
194.87	196.27	7.050	30.89	1476.79	1476.79	.00
199.84	201.28	7.089	30.63	1476.72	1476.73	.01
204.81	206.28	7.011	30.64	1476.49	1476.49	.00
209.77	211.28	7.050	30.35	1476.38	1476.38	.00
214.73	216.27	7.011	30.29	1476.23	1476.24	.01
220.23	221.82	6.982	30.10	1475.97	1475.98	.01
225.18	226.80	7.040	29.82	1475.93	1475.94	.01
230.12	231.78	6.991	29.92	1475.93	1475.92	-.01
235.07	236.76	6.943	29.85	1475.74	1475.75	.01
240.00	241.73	6.874	29.86	1475.55	1475.55	-.01
244.93	246.70	6.835	29.82	1475.44	1475.45	.01
249.86	251.66	6.718	29.79	1475.03	1475.03	.00
254.79	256.62	6.591	30.05	1474.92	1474.91	-.01
260.25	262.13	6.620	29.70	1474.69	1474.70	.01
265.17	267.08	6.542	29.77	1474.54	1474.53	-.01
270.08	272.02	6.562	29.58	1474.47	1474.48	.01
274.99	276.97	6.796	28.68	1474.35	1474.36	.01

279.89	281.90	7.236	27.04	1474.13	1474.13	.00
284.79	286.84	7.245	26.98	1474.17	1474.17	.00
290.23	292.31	7.167	27.14	1474.13	1474.13	.00
295.11	297.24	7.158	26.91	1473.90	1473.91	.00
300.00	302.16	7.060	27.02	1473.72	1473.71	.00
304.88	307.08	7.099	26.79	1473.68	1473.68	.00
309.76	311.99	7.031	26.92	1473.64	1473.63	-.01
315.17	317.44	7.001	27.07	1473.79	1473.79	.00
320.04	322.34	7.001	26.96	1473.75	1473.76	.00
324.90	327.24	6.904	27.13	1473.64	1473.64	.00
329.76	332.14	6.874	27.12	1473.60	1473.61	.01
335.16	337.57	6.816	27.24	1473.60	1473.59	-.01
340.01	342.46	6.737	27.40	1473.57	1473.56	-.01
344.85	347.34	6.796	27.14	1473.57	1473.57	.01
350.23	352.76	6.698	27.33	1473.49	1473.48	-.01
355.07	357.63	6.630	27.40	1473.38	1473.38	.00
359.91	362.50	6.552	27.55	1473.34	1473.33	-.01
364.73	367.36	6.532	27.42	1473.19	1473.19	.00
370.09	372.76	6.513	27.43	1473.19	1473.19	.00
374.92	377.61	6.474	27.46	1473.15	1473.15	.00
380.27	383.00	6.386	27.64	1473.12	1473.11	.00
385.08	387.85	6.347	27.70	1473.12	1473.11	-.01
389.88	392.69	6.366	27.54	1473.08	1473.09	.01
395.22	398.07	6.269	27.82	1473.12	1473.11	.00
400.02	402.90	6.278	27.75	1473.15	1473.16	.01
404.81	407.73	6.239	27.82	1473.15	1473.15	-.01
410.13	413.09	6.230	31.02	1477.25	1477.23	-.01
414.92	417.91	6.210	27.80	1473.19	1473.20	.01
420.23	423.26	6.122	28.17	1473.38	1473.37	-.01
425.01	428.07	6.200	27.82	1473.34	1473.35	.01
429.78	432.87	6.249	27.63	1473.38	1473.38	.01
435.08	438.21	6.239	27.66	1473.45	1473.44	-.01
439.84	443.01	6.210	27.72	1473.49	1473.48	-.01
445.13	448.33	6.122	27.94	1473.49	1473.49	.00
449.88	453.12	6.093	27.97	1473.49	1473.49	-.01
455.16	458.44	6.083	28.02	1473.60	1473.60	-.01
459.90	463.22	6.073	27.98	1473.60	1473.61	.00
465.17	468.52	6.063	27.97	1473.64	1473.64	.00
469.91	473.29	6.044	27.98	1473.64	1473.63	-.01
475.17	478.59	6.015	28.04	1473.68	1473.67	.00
479.89	483.35	5.995	28.10	1473.75	1473.75	-.01
485.14	488.63	6.054	27.86	1473.79	1473.79	.00
489.86	493.39	5.956	28.16	1473.83	1473.83	.00
495.10	498.66	5.956	28.11	1473.87	1473.88	.01
499.81	503.41	5.956	28.02	1473.83	1473.84	.01
505.04	508.67	5.966	27.95	1473.87	1473.88	.01
510.26	513.93	5.927	28.01	1473.87	1473.85	-.01
514.96	518.66	5.878	28.14	1473.90	1473.90	-.01
520.17	523.91	5.897	28.03	1473.94	1473.95	.01
524.86	528.63	5.946	27.84	1473.98	1473.98	.00
530.06	533.88	5.858	28.10	1474.02	1474.01	.00
535.26	539.11	5.810	28.24	1474.09	1474.08	-.01
539.93	543.82	5.810	28.23	1474.17	1474.17	.00
545.12	549.04	5.868	27.98	1474.17	1474.17	.01
549.78	553.74	5.770	28.24	1474.17	1474.16	-.01
554.96	558.96	5.692	28.52	1474.28	1474.28	.00
560.13	564.17	5.780	28.18	1474.32	1474.32	.00
564.79	568.85	5.751	28.23	1474.32	1474.31	.00
569.95	574.05	5.712	28.32	1474.35	1474.35	.00
575.11	579.25	5.751	28.20	1474.47	1474.47	.00
579.74	583.92	5.673	28.34	1474.39	1474.38	-.01
584.89	589.10	5.614	28.50	1474.43	1474.43	.00
590.04	594.28	5.624	28.42	1474.47	1474.47	.01
595.17	599.46	5.634	28.38	1474.54	1474.55	.01
599.79	604.11	5.585	28.55	1474.62	1474.62	.00
604.92	609.28	5.595	28.47	1474.65	1474.66	.01

MADE IN U.S.A.

610.04	614.44	5.556	28.54	1474.65	1474.65	.00
615.16	619.59	5.546	28.49	1474.65	1474.66	.00
619.76	624.22	5.526	28.60	1474.77	1474.77	.00
624.87	629.37	5.468	28.72	1474.77	1474.76	.00
629.97	634.51	5.497	28.63	1474.88	1474.88	.00
635.07	639.64	5.438	28.80	1474.92	1474.91	.00
640.16	644.77	5.419	28.85	1474.99	1474.98	-.01
645.25	649.89	5.429	28.80	1475.07	1475.07	.00
649.82	654.50	5.399	28.85	1475.07	1475.06	-.01
654.90	659.61	5.389	28.88	1475.14	1475.14	.00
659.97	664.72	5.360	28.94	1475.18	1475.18	.00
665.04	669.82	5.360	28.89	1475.22	1475.22	.01
670.10	674.92	5.341	28.92	1475.25	1475.24	-.01
675.15	680.01	5.311	29.04	1475.37	1475.36	-.01
680.20	685.10	5.302	29.03	1475.40	1475.41	.01
685.25	690.18	5.341	28.95	1475.55	1475.55	.00
689.79	694.75	5.292	29.09	1475.59	1475.58	-.01
694.82	699.82	5.253	29.12	1475.55	1475.54	-.01
699.85	704.89	5.253	29.15	1475.67	1475.66	.00
704.88	709.95	5.214	29.24	1475.70	1475.70	.00
709.90	715.01	5.184	29.23	1475.67	1475.67	.00
714.91	720.06	5.223	29.10	1475.74	1475.75	.01
719.92	725.11	5.175	29.20	1475.74	1475.74	-.01
724.93	730.15	5.145	29.29	1475.82	1475.81	-.01
729.93	735.18	5.145	29.22	1475.82	1475.83	.01
734.92	740.21	5.204	29.05	1475.93	1475.94	.01
739.91	745.24	5.136	29.24	1475.97	1475.95	-.01
744.89	750.26	5.175	29.10	1476.04	1476.04	.00
749.87	755.27	5.136	29.20	1476.08	1476.07	-.01
754.84	760.28	5.106	29.33	1476.19	1476.19	.00
759.81	765.28	5.136	29.15	1476.19	1476.19	.00
764.78	770.28	5.116	29.22	1476.27	1476.26	-.01
770.23	775.77	5.106	29.27	1476.38	1476.37	-.01
775.18	780.76	5.087	29.26	1476.38	1476.39	.00
780.13	785.74	5.087	29.23	1476.42	1476.43	.01
785.07	790.72	5.136	29.00	1476.42	1476.42	.00
790.01	795.69	5.087	29.37	1476.76	1476.74	-.01
794.94	800.66	5.096	29.15	1476.61	1476.61	.00
799.86	805.62	5.116	29.05	1476.64	1476.64	.00
804.78	810.58	5.077	29.16	1476.68	1476.68	.00
810.19	816.02	5.048	29.21	1476.72	1476.71	-.01
815.10	820.97	5.077	29.07	1476.76	1476.76	.00
820.00	825.91	5.067	29.08	1476.79	1476.79	-.01
824.90	830.84	4.999	29.41	1477.02	1477.01	-.01
829.80	835.77	4.979	29.38	1476.98	1476.99	.01
835.18	841.19	5.028	29.15	1476.98	1476.99	.01
840.06	846.11	4.989	29.22	1476.98	1476.97	-.01
844.94	851.02	4.950	29.34	1477.06	1477.05	-.01
849.81	855.93	4.950	29.27	1477.06	1477.06	.01
855.16	861.32	4.979	29.20	1477.17	1477.18	.01
860.03	866.22	4.960	29.23	1477.21	1477.20	-.01
864.88	871.11	4.911	29.33	1477.21	1477.20	-.01
870.22	876.49	4.852	29.54	1477.32	1477.31	-.01

XSVT PROBE #0000535

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.197	32.10	1503.99	1503.98	-.01
10.26	10.34	15.245	32.06	1504.19	1504.20	.01
14.82	14.92	15.206	32.14	1504.23	1504.22	-.01
19.94	20.08	15.089	32.32	1504.15	1504.14	-.01
25.06	25.24	15.050	32.42	1504.23	1504.22	-.01
30.17	30.39	15.099	32.34	1504.38	1504.39	.01
35.28	35.53	15.060	32.38	1504.38	1504.37	-.01
39.81	40.10	12.979	32.06	1497.27	1497.28	.00
44.92	45.24	11.788	32.70	1494.03	1494.03	.00
50.01	50.37	10.947	32.54	1491.00	1491.00	.00
55.10	55.50	9.844	32.56	1487.13	1487.12	-.01
60.19	60.62	9.140	32.90	1485.04	1485.04	.00
65.28	65.75	8.769	32.77	1483.60	1483.61	.01
69.79	70.29	8.418	32.76	1482.34	1482.35	.01
74.87	75.41	8.164	32.61	1481.28	1481.29	.01
79.94	80.51	7.988	32.67	1480.75	1480.75	.00
85.01	85.62	7.792	32.78	1480.22	1480.22	.00
90.07	90.72	7.783	32.70	1480.19	1480.20	.01
95.13	95.81	7.538	32.85	1479.51	1479.50	-.01
100.18	100.90	7.372	32.83	1478.94	1478.94	.00
105.23	105.99	7.206	32.90	1478.45	1478.44	-.01
110.28	111.07	7.060	32.89	1477.96	1477.97	.01
114.76	115.59	6.845	33.15	1477.51	1477.50	.00
119.80	120.66	6.806	33.07	1477.36	1477.36	.00
124.83	125.73	6.679	33.30	1477.21	1477.21	.00
129.86	130.80	6.611	33.28	1477.02	1477.02	.00
134.89	135.86	6.532	33.39	1476.91	1476.91	.00
139.91	140.92	6.493	33.37	1476.83	1476.83	.00
144.93	145.97	6.396	33.68	1476.91	1476.90	-.01
149.94	151.02	6.464	33.39	1476.91	1476.91	.00
154.95	156.06	6.386	33.61	1476.94	1476.93	-.01
159.95	161.11	6.327	33.73	1476.94	1476.93	-.01
164.95	166.14	6.298	33.76	1476.94	1476.94	-.01
169.95	171.17	6.278	33.85	1477.06	1477.05	.00
174.94	176.20	6.288	33.77	1477.09	1477.10	.01
179.93	181.23	6.317	33.61	1477.09	1477.09	.00
184.91	186.24	6.210	33.78	1476.94	1476.94	.00
189.89	191.26	6.103	33.87	1476.72	1476.71	-.01
194.87	196.27	6.073	33.83	1476.64	1476.65	.00
199.84	201.28	5.985	34.00	1476.57	1476.57	.00
204.81	206.28	5.995	33.77	1476.42	1476.42	.01
209.77	211.28	5.927	33.84	1476.30	1476.30	-.01
214.73	216.27	5.878	33.87	1476.23	1476.22	-.01
220.23	221.82	5.829	33.83	1476.08	1476.09	.01
225.18	226.80	5.722	33.99	1475.93	1475.92	-.01
230.12	231.78	5.731	33.95	1476.00	1476.01	.01
235.07	236.76	5.634	33.97	1475.70	1475.70	.00
240.00	241.73	5.604	33.75	1475.40	1475.41	.00
244.93	246.70	5.497	33.98	1475.33	1475.32	-.01
249.86	251.66	5.341	34.00	1474.80	1474.80	.00
254.79	256.62	5.321	33.93	1474.73	1474.73	.01
260.25	262.13	5.263	33.87	1474.50	1474.51	.01
265.17	267.08	5.204	33.94	1474.43	1474.42	-.01
270.08	272.02	5.214	33.90	1474.50	1474.51	.01
274.99	276.97	5.106	33.83	1474.05	1474.06	.01

279.89	281.90	5.038	33.93	1473.98	1473.97	-.01
284.79	286.84	5.077	33.76	1474.02	1474.02	.00
290.23	292.31	4.960	33.99	1473.90	1473.90	-.01
295.11	297.24	4.930	33.84	1473.68	1473.69	.01
300.00	302.16	4.813	34.07	1473.57	1473.56	-.01
304.88	307.08	4.862	33.87	1473.60	1473.61	.00
309.76	311.99	4.852	33.97	1473.75	1473.75	-.01
315.17	317.44	4.862	33.86	1473.75	1473.76	.01
320.04	322.34	4.784	34.00	1473.68	1473.68	.00
324.90	327.24	4.725	34.01	1473.53	1473.53	.00
329.76	332.14	4.725	33.93	1473.53	1473.53	.00
335.16	337.57	4.725	33.84	1473.49	1473.50	.01
340.01	342.46	4.686	33.85	1473.42	1473.41	-.01
344.85	347.34	4.657	33.94	1473.49	1473.48	-.01
350.23	352.76	4.579	34.04	1473.38	1473.38	.00
355.07	357.63	4.579	33.93	1473.34	1473.34	.00
359.91	362.50	4.579	33.81	1473.27	1473.27	.00
364.73	367.36	4.530	33.83	1473.15	1473.14	-.01
370.09	372.76	4.501	33.86	1473.15	1473.15	.00
374.92	377.61	4.422	33.93	1473.00	1472.99	-.01
380.27	383.00	4.344	34.09	1472.97	1472.96	-.01
385.08	387.85	4.325	34.08	1472.97	1472.98	.01
389.88	392.69	4.354	34.07	1473.15	1473.16	.01
395.22	398.07	4.344	33.98	1473.08	1473.09	.01
400.02	402.90	4.344	33.94	1473.12	1473.12	.00
404.81	407.73	4.344	33.91	1473.15	1473.16	.01
410.13	413.09	4.325	33.90	1473.15	1473.16	.00
414.92	417.91	4.305	33.98	1473.23	1473.23	.00
420.23	423.26	4.276	34.03	1473.27	1473.26	-.01
425.01	428.07	4.237	34.18	1473.38	1473.37	-.01
429.78	432.87	4.266	33.99	1473.34	1473.35	.01
435.08	438.21	4.256	33.98	1473.38	1473.38	.00
439.84	443.01	4.237	34.02	1473.42	1473.41	-.01
445.13	448.33	4.256	33.94	1473.49	1473.49	.00
449.88	453.12	4.188	34.08	1473.45	1473.44	-.01
455.16	458.44	4.188	34.06	1473.53	1473.53	.00
459.90	463.22	4.217	33.97	1473.60	1473.61	.01
465.17	468.52	4.159	34.13	1473.64	1473.64	.00
469.91	473.29	4.168	34.06	1473.68	1473.69	.01
475.17	478.59	4.159	34.05	1473.72	1473.72	.01
479.89	483.35	4.159	33.96	1473.68	1473.69	.01
485.14	488.63	4.178	33.95	1473.83	1473.84	.01
489.86	493.39	4.168	33.89	1473.79	1473.80	.01
495.10	498.66	4.071	34.15	1473.79	1473.79	.00
499.81	503.41	4.071	34.11	1473.83	1473.84	.01
505.04	508.67	4.100	33.92	1473.79	1473.80	.01
510.26	513.93	4.081	34.01	1473.90	1473.90	.00
514.96	518.66	3.993	34.23	1473.90	1473.89	-.01
520.17	523.91	4.022	34.09	1473.94	1473.94	.00
524.86	528.63	4.032	34.03	1473.98	1473.99	.01
530.06	533.88	4.022	34.02	1474.02	1474.02	.00
535.26	539.11	3.963	34.16	1474.02	1474.01	-.01
539.93	543.82	4.012	34.02	1474.13	1474.14	.01
545.12	549.04	3.973	34.09	1474.13	1474.12	.00
549.78	553.74	3.963	34.08	1474.17	1474.17	.01
554.96	558.96	3.915	34.18	1474.17	1474.16	-.01
560.13	564.17	3.983	33.94	1474.24	1474.24	.00
564.79	568.85	3.944	34.05	1474.28	1474.27	.00
569.95	574.05	3.885	34.20	1474.32	1474.30	-.01
575.11	579.25	3.944	33.99	1474.39	1474.39	.00
579.74	583.92	3.885	34.14	1474.39	1474.39	.00
584.89	589.10	3.846	34.20	1474.39	1474.39	.00
590.04	594.28	3.856	34.22	1474.54	1474.54	.00
595.17	599.46	3.866	34.08	1474.50	1474.51	.01
599.79	604.11	3.797	34.31	1474.58	1474.57	-.01
604.92	609.28	3.827	34.17	1474.62	1474.62	.01

610.04	614.44	3.758	34.28	1474.54	1474.53	-.01
615.16	619.59	3.768	34.30	1474.69	1474.69	.00
619.76	624.22	3.856	33.91	1474.65	1474.65	.00
624.87	629.37	3.778	34.17	1474.73	1474.72	-.01
629.97	634.51	3.788	34.19	1474.88	1474.87	-.01
635.07	639.64	3.739	34.31	1474.92	1474.90	-.01
640.16	644.77	3.748	34.24	1474.95	1474.96	.01
645.25	649.89	3.827	34.00	1475.07	1475.07	.00
649.82	654.50	3.719	34.28	1475.03	1475.03	.00
654.90	659.61	3.670	34.40	1475.07	1475.06	-.01
659.97	664.72	3.739	34.10	1475.07	1475.07	.00
665.04	669.82	3.758	34.06	1475.18	1475.18	.00
670.10	674.92	3.739	34.13	1475.25	1475.25	.00
675.15	680.01	3.670	34.35	1475.33	1475.33	.00
680.20	685.10	3.700	34.23	1475.40	1475.41	.00
685.25	690.18	3.709	34.20	1475.48	1475.49	.01
689.79	694.75	3.690	34.24	1475.52	1475.51	-.01
694.82	699.82	3.680	34.14	1475.44	1475.45	.01
699.85	704.89	3.690	34.13	1475.55	1475.56	.01
704.88	709.95	3.641	34.27	1475.59	1475.59	.00
709.90	715.01	3.651	34.22	1475.67	1475.68	.01
714.91	720.06	3.631	34.26	1475.70	1475.70	.00
719.92	725.11	3.651	34.15	1475.74	1475.75	.01
724.93	730.15	3.573	34.32	1475.70	1475.70	.00
729.93	735.18	3.602	34.21	1475.78	1475.79	.01
734.92	740.21	3.563	34.37	1475.89	1475.89	-.01
739.91	745.24	3.582	34.23	1475.89	1475.89	.00
744.89	750.26	3.563	34.47	1476.19	1476.18	-.01
749.87	755.27	3.592	34.16	1476.00	1476.01	.01
754.84	760.28	3.602	34.19	1476.15	1476.15	-.01
759.81	765.28	3.592	34.18	1476.19	1476.20	.01
764.78	770.28	3.524	35.16	1477.25	1477.24	-.01
770.23	775.77	3.582	34.17	1476.30	1476.32	.01
775.18	780.76	3.475	34.49	1476.34	1476.33	-.01
780.13	785.74	3.553	34.25	1476.46	1476.46	.01
785.07	790.72	3.504	34.30	1476.38	1476.37	-.01
790.01	795.69	3.475	34.39	1476.46	1476.45	-.01
794.94	800.66	3.504	34.28	1476.53	1476.54	.01
799.86	805.62	3.485	34.32	1476.57	1476.56	.00
804.78	810.58	3.426	34.51	1476.64	1476.64	.00
810.19	816.02	3.504	34.11	1476.57	1476.57	.00
815.10	820.97	3.475	34.24	1476.68	1476.67	-.01
820.00	825.91	3.426	34.40	1476.76	1476.75	-.01
824.90	830.84	3.436	34.38	1476.87	1476.87	.00
829.80	835.77	3.436	34.29	1476.83	1476.84	.01
835.18	841.19	3.397	34.42	1476.91	1476.90	.00
840.06	846.11	3.387	34.38	1476.91	1476.92	.01
844.94	851.02	3.416	34.25	1476.94	1476.95	.01
849.81	855.93	3.377	34.38	1477.02	1477.01	-.01
855.16	861.32	3.377	34.40	1477.13	1477.12	-.01
860.03	866.22	3.309	34.62	1477.21	1477.20	-.01
864.88	871.11	3.377	34.33	1477.21	1477.22	.01
870.22	876.49	3.397	34.22	1477.25	1477.25	.01

XSVT PROBE #000536

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.255	32.04	1504.11	1504.10	-.01
10.26	10.34	15.206	32.24	1504.27	1504.26	-.01
14.82	14.92	15.187	32.29	1504.34	1504.33	-.01
19.94	20.08	15.148	32.36	1504.38	1504.38	-.01
25.06	25.24	15.099	32.39	1504.34	1504.34	.00
30.17	30.39	15.070	32.43	1504.38	1504.38	-.01
35.28	35.53	15.070	32.38	1504.42	1504.43	.01
39.81	40.10	14.933	32.29	1503.95	1503.96	.01
44.92	45.24	12.530	32.56	1496.42	1496.41	-.01
50.01	50.37	11.553	32.63	1493.22	1493.21	-.01
55.10	55.50	10.469	32.72	1489.58	1489.58	.00
60.19	60.62	9.463	32.60	1485.88	1485.89	.01
65.28	65.75	8.867	32.66	1483.82	1483.81	-.01
69.79	70.29	8.447	32.96	1482.69	1482.68	.00
74.87	75.41	8.300	32.78	1482.00	1482.01	.01
79.94	80.51	8.017	32.85	1481.09	1481.09	-.01
85.01	85.62	7.783	32.82	1480.26	1480.26	.00
90.07	90.72	7.685	32.98	1480.15	1480.14	-.01
95.13	95.81	7.519	32.93	1479.54	1479.55	.01
100.18	100.90	7.441	32.96	1479.36	1479.35	-.01
105.23	105.99	7.255	32.99	1478.75	1478.75	-.01
110.28	111.07	7.099	32.98	1478.22	1478.24	.01
114.76	115.59	6.904	33.05	1477.62	1477.61	-.01
119.80	120.66	6.767	33.24	1477.40	1477.39	.00
124.83	125.73	6.679	33.33	1477.25	1477.24	.00
129.86	130.80	6.640	33.28	1477.13	1477.14	.00
134.89	135.86	6.532	33.42	1476.94	1476.94	.00
139.91	140.92	6.523	33.44	1477.02	1477.02	.00
144.93	145.97	6.484	33.43	1476.94	1476.96	.01
149.94	151.02	6.396	33.65	1476.94	1476.94	.00
154.95	156.06	6.396	33.57	1476.94	1476.95	.00
159.95	161.11	6.357	33.67	1476.98	1476.98	.00
164.95	166.14	6.317	33.76	1477.02	1477.01	-.01
169.95	171.17	6.317	33.74	1477.09	1477.10	.00
174.94	176.20	6.298	33.75	1477.09	1477.09	-.01
179.93	181.23	6.269	33.87	1477.21	1477.21	.00
184.91	186.24	6.210	33.77	1476.94	1476.95	.01
189.89	191.26	6.171	33.78	1476.87	1476.87	.00
194.87	196.27	6.044	33.96	1476.68	1476.67	-.01
199.84	201.28	6.054	33.86	1476.68	1476.69	.01
204.81	206.28	5.976	33.90	1476.49	1476.49	-.01
209.77	211.28	5.907	33.89	1476.30	1476.31	.00
214.73	216.27	5.819	33.91	1476.04	1476.03	-.01
220.23	221.82	5.751	34.08	1476.08	1476.07	-.01
225.18	226.80	5.810	33.76	1476.00	1476.01	.00
230.12	231.78	5.770	33.81	1475.97	1475.96	.00
235.07	236.76	5.643	34.00	1475.78	1475.78	.00
240.00	241.73	5.546	33.97	1475.44	1475.45	.01
244.93	246.70	5.487	33.85	1475.14	1475.14	.00
249.86	251.66	5.341	33.94	1474.73	1474.72	-.01
254.79	256.62	5.292	34.06	1474.77	1474.76	-.01
260.25	262.13	5.282	33.90	1474.62	1474.63	.01
265.17	267.08	5.263	33.80	1474.50	1474.50	.00
270.08	272.02	5.194	34.00	1474.54	1474.53	-.01
274.99	276.97	5.175	33.81	1474.32	1474.32	.00

279.89	281.90	5.048	34.02	1474.13	1474.12	.00
284.79	286.84	5.038	33.95	1474.09	1474.10	.01
290.23	292.31	5.038	33.76	1473.94	1473.95	.01
295.11	297.24	4.969	33.93	1473.94	1473.94	.00
300.00	302.16	4.930	33.89	1473.83	1473.83	.00
304.88	307.08	4.872	33.91	1473.68	1473.67	.00
309.76	311.99	4.872	33.89	1473.75	1473.75	.00
315.17	317.44	4.872	33.85	1473.79	1473.79	.00
320.04	322.34	4.872	33.82	1473.83	1473.83	.00
324.90	327.24	4.813	33.90	1473.75	1473.75	-.01
329.76	332.14	4.716	34.03	1473.60	1473.59	-.01
335.16	337.57	4.716	33.95	1473.60	1473.61	.00
340.01	342.46	4.706	33.96	1473.64	1473.63	-.01
344.85	347.34	4.696	33.89	1473.60	1473.61	.00
350.23	352.76	4.676	33.86	1473.57	1473.57	.01
355.07	357.63	4.579	34.00	1473.42	1473.41	-.01
359.91	362.50	4.598	33.84	1473.38	1473.39	.01
364.73	367.36	4.559	33.82	1473.27	1473.28	.01
370.09	372.76	4.530	33.78	1473.19	1473.19	.00
374.92	377.61	4.520	33.72	1473.15	1473.16	.00
380.27	383.00	4.481	33.73	1473.08	1473.07	-.01
385.08	387.85	4.413	33.92	1473.12	1473.11	-.01
389.88	392.69	4.383	33.99	1473.15	1473.15	.00
395.22	398.07	4.383	33.91	1473.15	1473.16	.01
400.02	402.90	4.374	33.90	1473.19	1473.19	.00
404.81	407.73	4.364	33.91	1473.23	1473.22	-.01
410.13	413.09	4.354	33.84	1473.19	1473.20	.01
414.92	417.91	4.325	34.00	1473.34	1473.34	.00
420.23	423.26	4.325	33.95	1473.38	1473.39	.01
425.01	428.07	4.325	33.96	1473.45	1473.45	.00
429.78	432.87	4.364	33.85	1473.57	1473.58	.01
435.08	438.21	4.374	33.75	1473.57	1473.58	.01
439.84	443.01	4.256	34.05	1473.53	1473.52	-.01
445.13	448.33	4.266	33.97	1473.57	1473.57	.01
449.88	453.12	4.198	34.17	1473.60	1473.60	.00
455.16	458.44	4.276	33.90	1473.68	1473.69	.01
459.90	463.22	4.276	33.83	1473.68	1473.68	.00
465.17	468.52	4.286	33.79	1473.75	1473.76	.00
469.91	473.29	4.237	33.90	1473.75	1473.75	-.01
475.17	478.59	4.168	34.06	1473.75	1473.75	.00
479.89	483.35	4.227	33.82	1473.79	1473.79	.00
485.14	488.63	4.188	33.89	1473.79	1473.78	-.01
489.86	493.39	4.159	33.93	1473.79	1473.79	.00
495.10	498.66	4.227	33.72	1473.90	1473.91	.01
499.81	503.41	4.208	33.93	1474.17	1474.15	-.01
505.04	508.67	4.198	33.69	1473.90	1473.92	.01
510.26	513.93	4.159	33.81	1473.98	1473.97	-.01
514.96	518.66	4.178	33.71	1474.02	1474.02	.01
520.17	523.91	4.208	33.60	1474.09	1474.09	.00
524.86	528.63	4.188	33.62	1474.09	1474.08	-.01
530.06	533.88	4.217	33.51	1474.17	1474.18	.01
535.26	539.11	4.227	33.38	1474.13	1474.14	.01
539.93	543.82	4.256	33.25	1474.17	1474.17	.00
545.12	549.04	4.178	33.51	1474.24	1474.23	-.01
549.78	553.74	4.247	33.27	1474.32	1474.32	.00
554.96	558.96	4.227	33.31	1474.35	1474.34	-.01
560.13	564.17	4.247	33.20	1474.39	1474.40	.01
564.79	568.85	4.227	33.22	1474.39	1474.39	.00
569.95	574.05	4.276	33.01	1474.43	1474.44	.01
575.11	579.25	4.188	33.27	1474.47	1474.46	.00
579.74	583.92	4.286	32.88	1474.47	1474.47	.01
584.89	589.10	4.286	32.87	1474.54	1474.54	.00
590.04	594.28	4.286	32.81	1474.54	1474.55	.01
595.17	599.46	4.266	32.87	1474.62	1474.60	-.01
599.79	604.11	4.325	32.61	1474.62	1474.62	.00
604.92	609.28	4.276	32.75	1474.65	1474.65	.00

610.04	614.44	4.325	32.57	1474.73	1474.73	.01
615.16	619.59	4.276	32.70	1474.77	1474.76	-.01
619.76	624.22	4.256	32.71	1474.77	1474.76	.00
624.87	629.37	4.295	32.54	1474.80	1474.82	.01
629.97	634.51	4.247	32.75	1474.95	1474.94	-.01
635.07	639.64	4.256	32.68	1474.99	1475.00	.01
640.16	644.77	4.198	32.87	1475.07	1475.06	-.01
645.25	649.89	4.208	32.79	1475.10	1475.11	.01
649.82	654.50	4.159	32.90	1475.10	1475.09	-.01
654.90	659.61	4.217	32.70	1475.18	1475.19	.01
659.97	664.72	4.129	32.96	1475.22	1475.21	.00
665.04	669.82	4.110	32.91	1475.18	1475.18	.00
670.10	674.92	4.217	32.68	1475.40	1475.41	.01
675.15	680.01	4.159	32.81	1475.40	1475.40	-.01
680.20	685.10	4.217	32.63	1475.52	1475.52	.00
685.25	690.18	4.188	32.67	1475.52	1475.50	-.01
689.79	694.75	4.247	32.50	1475.63	1475.63	.00
694.82	699.82	4.266	32.49	1475.78	1475.78	.00
699.85	704.89	4.305	32.21	1475.67	1475.67	.00
704.88	709.95	4.247	32.38	1475.70	1475.70	.00
709.90	715.01	4.266	32.21	1475.67	1475.67	.01
714.91	720.06	4.295	32.17	1475.82	1475.82	.01
719.92	725.11	4.295	32.13	1475.85	1475.86	.00
724.93	730.15	4.295	32.04	1475.82	1475.82	.01
729.93	735.18	4.305	32.03	1475.93	1475.93	.00
734.92	740.21	4.266	32.16	1476.00	1475.99	-.01
739.91	745.24	4.295	32.02	1476.04	1476.04	.00
744.89	750.26	4.344	31.89	1476.15	1476.16	.01
749.87	755.27	4.295	32.02	1476.19	1476.18	-.01
754.84	760.28	4.344	31.85	1476.27	1476.28	.01
759.81	765.28	4.305	31.95	1476.30	1476.30	-.01
764.78	770.28	4.286	31.98	1476.34	1476.34	.00
770.23	775.77	4.315	31.86	1476.42	1476.42	.00
775.18	780.76	4.276	31.96	1476.46	1476.44	-.01
780.13	785.74	4.217	32.12	1476.49	1476.48	-.01
785.07	790.72	4.227	32.05	1476.53	1476.54	.01
790.01	795.69	4.139	32.31	1476.57	1476.56	.00
794.94	800.66	4.159	32.23	1476.64	1476.65	.01
799.86	805.62	4.247	31.82	1476.57	1476.58	.01
804.78	810.58	4.120	32.33	1476.76	1476.75	.00
810.19	816.02	4.120	32.19	1476.68	1476.69	.01
815.10	820.97	4.139	32.12	1476.76	1476.76	.00
820.00	825.91	4.129	32.13	1476.79	1476.79	-.01
824.90	830.84	4.071	32.40	1476.98	1476.97	-.01
829.80	835.77	4.129	32.11	1476.94	1476.95	.00
835.18	841.19	4.022	32.40	1476.94	1476.94	-.01
840.06	846.11	4.051	32.26	1476.98	1476.98	.00
844.94	851.02	4.061	32.20	1477.02	1477.03	.01
849.81	855.93	4.071	32.16	1477.09	1477.10	.01
855.16	861.32	4.090	32.09	1477.17	1477.18	.01
860.03	866.22	4.081	32.08	1477.21	1477.21	.00
864.88	871.11	4.032	32.25	1477.28	1477.28	-.01
870.22	876.49	4.042	32.20	1477.36	1477.37	.01

XSVT PROBE #000537

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.158	32.21	1503.99	1503.99	.00
10.26	10.34	15.187	32.22	1504.19	1504.18	-.01
14.82	14.92	15.187	32.26	1504.30	1504.30	-.01
19.94	20.08	15.118	32.31	1504.23	1504.22	.00
25.06	25.24	15.070	32.47	1504.34	1504.34	.00
30.17	30.39	15.060	32.45	1504.38	1504.39	.01
35.28	35.53	15.050	32.48	1504.46	1504.46	.00
39.81	40.10	14.728	32.39	1503.41	1503.42	.01
44.92	45.24	12.598	32.66	1496.77	1496.76	-.01
50.01	50.37	11.514	32.75	1493.22	1493.22	.00
55.10	55.50	10.586	32.78	1490.08	1490.07	-.01
60.19	60.62	9.639	32.80	1486.75	1486.75	.00
65.28	65.75	9.062	32.77	1484.70	1484.70	.00
69.79	70.29	8.554	32.97	1483.10	1483.10	.00
74.87	75.41	8.330	32.87	1482.23	1482.24	.01
79.94	80.51	8.046	32.75	1481.09	1481.10	.00
85.01	85.62	7.695	32.95	1480.07	1480.06	-.01
90.07	90.72	7.617	32.88	1479.77	1479.78	.01
95.13	95.81	7.529	32.97	1479.62	1479.61	-.01
100.18	100.90	7.441	32.92	1479.32	1479.32	.00
105.23	105.99	7.314	32.96	1478.94	1478.94	.00
110.28	111.07	7.079	32.95	1478.11	1478.12	.01
114.76	115.59	6.933	33.08	1477.77	1477.76	-.01
119.80	120.66	6.796	33.21	1477.47	1477.47	.00
124.83	125.73	6.679	33.30	1477.21	1477.21	.00
129.86	130.80	6.581	33.39	1477.02	1477.02	.00
134.89	135.86	6.493	33.54	1476.94	1476.94	.00
139.91	140.92	6.523	33.37	1476.94	1476.95	.01
144.93	145.97	6.435	33.56	1476.91	1476.90	-.01
149.94	151.02	6.396	33.68	1476.98	1476.98	.00
154.95	156.06	6.357	33.73	1476.98	1476.97	-.01
159.95	161.11	6.269	33.92	1476.94	1476.94	.00
164.95	166.14	6.288	33.81	1476.98	1476.99	.01
169.95	171.17	6.317	33.87	1477.25	1477.23	-.01
174.94	176.20	6.288	33.71	1477.02	1477.02	.00
179.93	181.23	6.220	33.84	1476.98	1476.97	-.01
184.91	186.24	6.200	33.74	1476.87	1476.88	.01
189.89	191.26	6.073	33.91	1476.64	1476.64	.00
194.87	196.27	6.054	33.86	1476.61	1476.61	.00
199.84	201.28	6.015	33.83	1476.49	1476.50	.01
204.81	206.28	5.907	33.88	1476.19	1476.19	-.01
209.77	211.28	5.868	33.97	1476.23	1476.23	.00
214.73	216.27	5.780	34.00	1476.00	1475.99	-.01
220.23	221.82	5.800	33.86	1476.00	1476.01	.01
225.18	226.80	5.722	33.99	1475.93	1475.92	-.01
230.12	231.78	5.731	33.86	1475.89	1475.90	.00
235.07	236.76	5.614	34.09	1475.78	1475.77	-.01
240.00	241.73	5.634	33.83	1475.63	1475.63	.00
244.93	246.70	5.516	34.07	1475.52	1475.51	.00
249.86	251.66	5.389	34.14	1475.18	1475.17	-.01
254.79	256.62	5.331	33.87	1474.69	1474.70	.01
260.25	262.13	5.243	34.03	1474.62	1474.61	-.01
265.17	267.08	5.233	33.93	1474.54	1474.55	.01
270.08	272.02	5.214	33.87	1474.47	1474.47	.01
274.99	276.97	5.106	34.04	1474.32	1474.31	-.01

279.89	281.90	5.077	33.91	1474.13	1474.13	.00
284.79	286.84	5.018	34.08	1474.17	1474.16	-.01
290.23	292.31	4.950	34.04	1473.94	1473.94	.00
295.11	297.24	4.921	33.98	1473.83	1473.83	.00
300.00	302.16	4.872	33.90	1473.60	1473.61	.00
304.88	307.08	4.872	33.87	1473.64	1473.65	.01
309.76	311.99	4.813	34.04	1473.68	1473.68	.00
315.17	317.44	4.784	33.93	1473.53	1473.53	.00
320.04	322.34	4.725	34.16	1473.64	1473.64	.00
324.90	327.24	4.735	33.94	1473.49	1473.50	.01
329.76	332.14	4.755	33.81	1473.49	1473.50	.01
335.16	337.57	4.696	33.97	1473.53	1473.52	.00
340.01	342.46	4.618	34.13	1473.49	1473.49	.00
344.85	347.34	4.618	34.06	1473.49	1473.50	.01
350.23	352.76	4.608	33.99	1473.45	1473.46	.01
355.07	357.63	4.589	33.93	1473.38	1473.38	.01
359.91	362.50	4.559	33.88	1473.27	1473.28	.01
364.73	367.36	4.432	34.15	1473.15	1473.15	-.01
370.09	372.76	4.452	34.03	1473.19	1473.19	.00
374.92	377.61	4.354	34.24	1473.12	1473.11	-.01
380.27	383.00	4.374	34.04	1473.04	1473.05	.01
385.08	387.85	4.393	33.92	1473.04	1473.05	.01
389.88	392.69	4.364	34.02	1473.12	1473.11	.00
395.22	398.07	4.364	33.94	1473.12	1473.12	.01
400.02	402.90	4.315	34.83	1474.13	1474.12	-.01
404.81	407.73	4.276	34.13	1473.15	1473.16	.01
410.13	413.09	4.256	34.14	1473.15	1473.15	.00
414.92	417.91	4.276	34.06	1473.23	1473.24	.01
420.23	423.26	4.315	33.98	1473.38	1473.38	.00
425.01	428.07	4.286	34.11	1473.49	1473.48	-.01
429.78	432.87	4.266	34.02	1473.38	1473.39	.01
435.08	438.21	4.237	34.14	1473.49	1473.48	-.01
439.84	443.01	4.247	34.04	1473.49	1473.50	.01
445.13	448.33	4.237	34.03	1473.53	1473.53	.00
449.88	453.12	4.237	33.97	1473.53	1473.53	.00
455.16	458.44	4.198	34.10	1473.60	1473.60	-.01
459.90	463.22	4.208	34.06	1473.68	1473.69	.01
465.17	468.52	4.149	34.16	1473.64	1473.63	-.01
469.91	473.29	4.100	34.26	1473.64	1473.64	.00
475.17	478.59	4.149	34.05	1473.68	1473.68	.00
479.89	483.35	4.051	34.35	1473.72	1473.71	.00
485.14	488.63	4.090	34.29	1473.90	1473.91	.01
489.86	493.39	4.100	34.17	1473.87	1473.87	.01
495.10	498.66	4.110	34.04	1473.83	1473.84	.01
499.81	503.41	4.071	34.12	1473.83	1473.83	.00
505.04	508.67	4.042	34.20	1473.90	1473.89	-.01
510.26	513.93	4.012	34.23	1473.90	1473.89	-.01
514.96	518.66	4.081	33.97	1473.94	1473.95	.01
520.17	523.91	4.022	34.13	1473.98	1473.97	-.01
524.86	528.63	4.012	34.16	1474.05	1474.04	-.01
530.06	533.88	3.944	34.38	1474.13	1474.13	.00
535.26	539.11	3.983	34.14	1474.09	1474.09	.00
539.93	543.82	3.875	34.50	1474.17	1474.16	-.01
545.12	549.04	3.954	34.20	1474.20	1474.21	.01
549.78	553.74	3.973	34.11	1474.24	1474.25	.01
554.96	558.96	3.944	34.17	1474.28	1474.27	-.01
560.13	564.17	3.924	34.16	1474.28	1474.28	.00
564.79	568.85	3.944	34.04	1474.28	1474.29	.01
569.95	574.05	3.885	34.23	1474.35	1474.34	-.01
575.11	579.25	3.866	34.22	1474.35	1474.36	.01
579.74	583.92	3.836	34.30	1474.39	1474.39	.00
584.89	589.10	3.866	34.12	1474.39	1474.39	.00
590.04	594.28	3.807	34.32	1474.47	1474.46	.00
595.17	599.46	3.817	34.27	1474.54	1474.55	.01
599.79	604.11	3.836	34.15	1474.54	1474.55	.01
604.92	609.28	3.817	34.14	1474.54	1474.54	.00

610.04	614.44	3.807	34.27	1474.73	1474.73	.00
615.16	619.59	3.788	34.19	1474.65	1474.65	.00
619.76	624.22	3.768	34.27	1474.73	1474.72	.00
624.87	629.37	3.807	34.15	1474.84	1474.84	.00
629.97	634.51	3.768	34.28	1474.92	1474.90	-.01
635.07	639.64	3.788	34.20	1474.99	1474.99	.00
640.16	644.77	3.827	34.07	1475.07	1475.08	.01
645.25	649.89	3.661	34.55	1475.07	1475.05	-.01
649.82	654.50	3.778	34.10	1475.07	1475.07	.00
654.90	659.61	3.641	34.55	1475.14	1475.13	-.01
659.97	664.72	3.739	34.19	1475.18	1475.19	.01
665.04	669.82	3.690	34.35	1475.25	1475.24	-.01
670.10	674.92	3.739	34.20	1475.37	1475.37	.00
675.15	680.01	3.680	34.37	1475.40	1475.39	-.01
680.20	685.10	3.719	34.20	1475.44	1475.45	.01
685.25	690.18	3.690	34.33	1475.55	1475.55	.00
689.79	694.75	3.700	34.31	1475.67	1475.67	.00
694.82	699.82	3.690	34.28	1475.67	1475.67	.00
699.85	704.89	3.739	34.09	1475.70	1475.71	.01
704.88	709.95	3.651	34.41	1475.82	1475.81	.00
709.90	715.01	3.690	34.18	1475.78	1475.79	.01
714.91	720.06	3.602	34.41	1475.78	1475.77	-.01
719.92	725.11	3.680	34.14	1475.85	1475.86	.01
724.93	730.15	3.602	34.37	1475.89	1475.89	-.01
729.93	735.18	3.631	34.23	1475.93	1475.94	.01
734.92	740.21	3.592	34.33	1475.97	1475.96	-.01
739.91	745.24	3.563	34.39	1476.00	1475.99	-.01
744.89	750.26	3.573	34.34	1476.08	1476.08	.00
749.87	755.27	3.543	34.42	1476.12	1476.11	.00
754.84	760.28	3.563	34.25	1476.08	1476.09	.01
759.81	765.28	3.553	34.35	1476.23	1476.23	.00
764.78	770.28	3.495	34.53	1476.30	1476.30	-.01
770.23	775.77	3.641	33.91	1476.23	1476.23	.00
775.18	780.76	3.514	34.42	1476.42	1476.41	-.01
780.13	785.74	3.514	34.38	1476.46	1476.46	.01
785.07	790.72	3.495	34.62	1476.76	1476.75	-.01
790.01	795.69	3.475	34.47	1476.57	1476.58	.01
794.94	800.66	3.485	34.31	1476.49	1476.50	.00
799.86	805.62	3.397	34.66	1476.64	1476.63	-.01
804.78	810.58	3.465	34.40	1476.68	1476.69	.01
810.19	816.02	3.475	34.42	1476.83	1476.82	-.01
815.10	820.97	3.524	34.22	1476.87	1476.88	.01
820.00	825.91	3.446	34.42	1476.87	1476.86	-.01
824.90	830.84	3.397	34.55	1476.91	1476.90	.00
829.80	835.77	3.407	34.47	1476.94	1476.95	.00
835.18	841.19	3.416	34.40	1476.98	1476.98	.00
840.06	846.11	3.387	34.50	1477.06	1477.05	-.01
844.94	851.02	3.407	34.52	1477.25	1477.24	-.01
849.81	855.93	3.407	34.39	1477.17	1477.18	.01
855.16	861.32	3.387	34.43	1477.21	1477.21	.00
860.03	866.22	3.387	34.38	1477.25	1477.25	.00
864.88	871.11	3.358	34.89	1477.85	1477.84	-.01
870.22	876.49	3.348	34.47	1477.36	1477.37	.01

XSVT PROBE #0005.38

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.187	32.23	1504.11	1504.10	-.01
10.26	10.34	15.197	32.33	1504.34	1504.34	-.01
14.82	14.92	15.060	32.47	1504.15	1504.14	-.01
19.94	20.08	15.070	32.46	1504.27	1504.27	.00
25.06	25.24	15.060	32.53	1504.38	1504.38	.00
30.17	30.39	15.060	32.56	1504.50	1504.50	.00
35.28	35.53	15.060	32.54	1504.58	1504.58	.00
39.81	40.10	14.982	32.52	1504.38	1504.38	.00
44.92	45.24	12.618	32.70	1496.89	1496.88	-.01
50.01	50.37	11.397	32.89	1492.99	1492.98	-.01
55.10	55.50	10.459	32.71	1489.54	1489.55	.01
60.19	60.62	9.521	32.70	1486.22	1486.22	.00
65.28	65.75	9.111	32.82	1484.93	1484.92	-.01
69.79	70.29	8.789	32.84	1483.82	1483.82	-.01
74.87	75.41	8.505	32.80	1482.80	1482.81	.01
79.94	80.51	8.095	32.86	1481.40	1481.39	.00
85.01	85.62	7.900	32.80	1480.68	1480.69	.01
90.07	90.72	7.587	32.98	1479.77	1479.77	.00
95.13	95.81	7.480	33.03	1479.51	1479.50	-.01
100.18	100.90	7.392	34.81	1481.47	1481.46	-.01
105.23	105.99	7.314	33.10	1479.13	1479.14	.01
110.28	111.07	7.070	33.07	1478.22	1478.23	.01
114.76	115.59	6.904	33.14	1477.73	1477.72	-.01
119.80	120.66	6.835	33.20	1477.62	1477.61	-.01
124.83	125.73	6.728	33.32	1477.43	1477.42	-.01
129.86	130.80	6.659	33.28	1477.21	1477.21	.00
134.89	135.86	6.513	33.48	1476.94	1476.94	.00
139.91	140.92	6.464	33.56	1476.94	1476.93	-.01
144.93	145.97	6.444	33.59	1476.98	1476.97	-.01
149.94	151.02	6.376	33.68	1476.91	1476.90	-.01
154.95	156.06	6.337	33.77	1476.94	1476.94	.00
159.95	161.11	6.347	33.66	1476.94	1476.95	.01
164.95	166.14	6.327	33.73	1477.02	1477.02	.00
169.95	171.17	6.259	33.94	1477.09	1477.09	.00
174.94	176.20	6.288	33.77	1477.09	1477.10	.01
179.93	181.23	6.171	33.88	1476.83	1476.83	.00
184.91	186.24	6.181	33.83	1476.91	1476.91	.01
189.89	191.26	6.083	33.87	1476.64	1476.63	-.01
194.87	196.27	5.976	34.03	1476.49	1476.49	.00
199.84	201.28	6.015	33.77	1476.42	1476.42	.00
204.81	206.28	5.858	34.00	1476.15	1476.14	-.01
209.77	211.28	5.849	33.90	1476.08	1476.09	.01
214.73	216.27	5.780	33.97	1475.97	1475.95	-.01
220.23	221.82	5.751	34.00	1475.97	1475.97	.00
225.18	226.80	5.692	34.12	1475.97	1475.96	.00
230.12	231.78	5.702	33.92	1475.85	1475.86	.00
235.07	236.76	5.614	34.09	1475.78	1475.77	-.01
240.00	241.73	5.556	34.08	1475.63	1475.63	.00
244.93	246.70	5.556	33.93	1475.52	1475.52	.01
249.86	251.66	5.389	34.02	1475.03	1475.02	-.01
254.79	256.62	5.282	34.06	1474.73	1474.72	-.01
260.25	262.13	5.263	33.99	1474.65	1474.66	.01
265.17	267.08	5.204	34.12	1474.65	1474.65	-.01
270.08	272.02	5.145	34.09	1474.47	1474.47	.01
274.99	276.97	5.145	33.91	1474.32	1474.32	.01

279.89	281.90	5.048	34.11	1474.24	1474.24	.00
284.79	286.84	5.077	33.91	1474.20	1474.21	.01
290.23	292.31	4.989	33.96	1473.98	1473.98	.00
295.11	297.24	4.969	33.74	1473.72	1473.72	.00
300.00	302.16	4.882	33.88	1473.60	1473.60	-.01
304.88	307.08	4.833	34.00	1473.64	1473.63	-.01
309.76	311.99	4.784	34.04	1473.57	1473.56	-.01
315.17	317.44	4.774	33.88	1473.42	1473.43	.01
320.04	322.34	4.696	34.10	1473.45	1473.44	-.01
324.90	327.24	4.755	33.87	1473.49	1473.50	.00
329.76	332.14	4.735	33.88	1473.49	1473.48	-.01
335.16	337.57	4.716	33.96	1473.60	1473.59	-.01
340.01	342.46	4.647	34.06	1473.53	1473.52	-.01
344.85	347.34	4.637	33.97	1473.45	1473.47	.01
350.23	352.76	4.657	33.83	1473.45	1473.46	.00
355.07	357.63	4.598	33.88	1473.34	1473.33	-.01
359.91	362.50	4.540	33.98	1473.30	1473.30	.00
364.73	367.36	4.432	34.18	1473.19	1473.19	.00
370.09	372.76	4.432	34.10	1473.19	1473.20	.01
374.92	377.61	4.413	34.01	1473.08	1473.08	.00
380.27	383.00	4.422	33.88	1473.04	1473.04	.00
385.08	387.85	4.344	34.11	1473.08	1473.07	-.01
389.88	392.69	4.364	34.01	1473.12	1473.13	.01
395.22	398.07	4.325	34.08	1473.12	1473.12	.00
400.02	402.90	4.286	34.14	1473.12	1473.11	-.01
404.81	407.73	4.295	34.01	1473.08	1473.08	.01
410.13	413.09	4.276	34.00	1473.08	1473.08	.00
414.92	417.91	4.256	34.16	1473.27	1473.26	-.01
420.23	423.26	4.286	34.08	1473.38	1473.39	.01
425.01	428.07	4.286	34.01	1473.38	1473.38	.00
429.78	432.87	4.237	34.30	1473.60	1473.60	.00
435.08	438.21	4.247	34.04	1473.42	1473.42	.00
439.84	443.01	4.237	34.08	1473.49	1473.48	-.01
445.13	448.33	4.227	33.98	1473.42	1473.42	.01
449.88	453.12	4.237	34.01	1473.57	1473.56	-.01
455.16	458.44	4.178	34.14	1473.57	1473.57	.00
459.90	463.22	4.178	34.09	1473.60	1473.60	.00
465.17	468.52	4.149	34.16	1473.64	1473.63	-.01
469.91	473.29	4.208	33.93	1473.68	1473.69	.01
475.17	478.59	4.139	34.06	1473.64	1473.63	-.01
479.89	483.35	4.090	34.22	1473.72	1473.71	-.01
485.14	488.63	4.110	34.11	1473.75	1473.76	.01
489.86	493.39	4.081	34.21	1473.83	1473.82	-.01
495.10	498.66	4.090	34.13	1473.87	1473.87	.00
499.81	503.41	4.032	34.24	1473.83	1473.82	-.01
505.04	508.67	4.051	34.13	1473.87	1473.87	.00
510.26	513.93	4.042	34.31	1474.13	1474.12	-.01
514.96	518.66	4.032	34.16	1473.98	1473.99	.01
520.17	523.91	4.002	34.23	1474.02	1474.01	.00
524.86	528.63	3.963	34.38	1474.13	1474.12	-.01
530.06	533.88	4.022	34.08	1474.09	1474.09	.00
535.26	539.11	3.954	34.19	1474.02	1474.01	-.01
539.93	543.82	3.993	34.14	1474.20	1474.21	.01
545.12	549.04	3.954	34.18	1474.17	1474.16	-.01
549.78	553.74	3.963	34.14	1474.24	1474.25	.01
554.96	558.96	3.905	34.27	1474.24	1474.23	-.01
560.13	564.17	3.905	34.22	1474.28	1474.28	.00
564.79	568.85	3.924	34.19	1474.39	1474.40	.01
569.95	574.05	3.856	34.27	1474.28	1474.27	.00
575.11	579.25	3.807	34.45	1474.39	1474.38	-.01
579.74	583.92	3.875	34.13	1474.35	1474.36	.01
584.89	589.10	3.915	34.02	1474.47	1474.47	.00
590.04	594.28	3.817	34.31	1474.50	1474.49	.01
595.17	599.46	3.827	34.33	1474.65	1474.64	-.01
599.79	604.11	3.836	34.15	1474.54	1474.55	.01
604.92	609.28	3.778	34.34	1474.62	1474.61	.00

610.04	614.44	3.807	34.17	1474.62	1474.62	.01
615.16	619.59	3.778	34.24	1474.65	1474.65	.00
619.76	624.22	3.788	34.26	1474.80	1474.79	-.01
624.87	629.37	3.788	34.24	1474.88	1474.88	.00
629.97	634.51	3.719	34.44	1474.92	1474.90	-.01
635.07	639.64	3.797	34.17	1474.99	1474.99	.00
640.16	644.77	3.788	34.14	1474.99	1475.00	.01
645.25	649.89	3.739	34.27	1475.03	1475.02	-.01
649.82	654.50	3.719	34.34	1475.10	1475.10	.00
654.90	659.61	3.709	34.36	1475.18	1475.17	-.01
659.97	664.72	3.758	34.57	1475.74	1475.73	-.01
665.04	669.82	3.709	34.31	1475.29	1475.30	.01
670.10	674.92	3.788	34.04	1475.37	1475.37	.00
675.15	680.01	3.709	34.34	1475.48	1475.48	.00
680.20	685.10	3.739	34.19	1475.52	1475.52	.00
685.25	690.18	3.670	34.48	1475.67	1475.66	-.01
689.79	694.75	3.719	34.25	1475.67	1475.67	.00
694.82	699.82	3.690	34.29	1475.67	1475.66	-.01
699.85	704.89	3.680	34.28	1475.70	1475.71	.01
704.88	709.95	3.661	34.37	1475.82	1475.80	-.01
709.90	715.01	3.680	34.18	1475.74	1475.75	.01
714.91	720.06	3.641	34.25	1475.74	1475.73	-.01
719.92	725.11	3.631	34.31	1475.85	1475.85	-.01
724.93	730.15	3.631	34.18	1475.78	1475.79	.01
729.93	735.18	3.563	34.49	1475.97	1475.96	-.01
734.92	740.21	3.602	34.26	1475.93	1475.93	.01
739.91	745.24	3.553	34.40	1475.97	1475.97	.00
744.89	750.26	3.573	34.34	1476.08	1476.08	.00
749.87	755.27	3.573	34.31	1476.12	1476.12	.01
754.84	760.28	3.582	34.30	1476.23	1476.23	.00
759.81	765.28	3.582	34.27	1476.27	1476.27	.01
764.78	770.28	3.504	34.47	1476.27	1476.26	-.01
770.23	775.77	3.592	34.22	1476.42	1476.42	.01
775.18	780.76	3.514	34.48	1476.49	1476.49	-.01
780.13	785.74	3.465	34.64	1476.57	1476.57	.00
785.07	790.72	3.504	34.44	1476.57	1476.58	.01
790.01	795.69	3.563	34.21	1476.61	1476.62	.01
794.94	800.66	3.455	34.54	1476.64	1476.64	.00
799.86	805.62	3.504	34.33	1476.68	1476.68	.00
804.78	810.58	3.514	34.27	1476.72	1476.73	.01
810.19	816.02	3.416	34.67	1476.91	1476.90	-.01
815.10	820.97	3.446	34.50	1476.91	1476.91	.00
820.00	825.91	3.465	34.29	1476.79	1476.80	.01
824.90	830.84	3.397	34.58	1476.94	1476.94	.00
829.80	835.77	3.416	34.50	1477.02	1477.03	.01
835.18	841.19	3.387	34.54	1477.02	1477.02	.00
840.06	846.11	3.387	34.49	1477.06	1477.06	.00
844.94	851.02	3.397	34.46	1477.13	1477.14	.01
849.81	855.93	3.338	34.60	1477.13	1477.13	.00
855.16	861.32	3.387	34.42	1477.21	1477.22	.01
860.03	866.22	3.397	34.38	1477.28	1477.29	.01
864.88	871.11	3.387	34.39	1477.32	1477.31	-.01
870.22	876.49	3.338	34.51	1477.36	1477.35	-.01

XSVT PROBE #000539

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.226	32.12	1504.11	1504.10	-.01
10.26	10.34	15.245	32.13	1504.27	1504.26	-.01
14.82	14.92	15.206	32.38	1504.50	1504.50	.00
19.94	20.08	15.177	32.21	1504.30	1504.32	.01
25.06	25.24	15.118	32.37	1504.38	1504.38	-.01
30.17	30.39	15.128	32.26	1504.38	1504.39	.00
35.28	35.53	15.128	32.27	1504.46	1504.46	.00
39.81	40.10	15.040	32.26	1504.27	1504.27	.00
44.92	45.24	12.745	32.57	1497.16	1497.15	.00
50.01	50.37	11.475	32.56	1492.88	1492.88	.00
55.10	55.50	10.449	32.71	1489.50	1489.49	-.01
60.19	60.62	9.424	32.59	1485.72	1485.73	.01
65.28	65.75	8.974	32.62	1484.17	1484.16	.00
69.79	70.29	8.779	32.93	1483.90	1483.89	-.01
74.87	75.41	8.613	32.71	1483.10	1483.11	.00
79.94	80.51	8.252	32.64	1481.74	1481.74	.00
85.01	85.62	7.822	32.84	1480.41	1480.41	.00
90.07	90.72	7.685	32.76	1479.88	1479.90	.01
95.13	95.81	7.558	32.82	1479.54	1479.54	.00
100.18	100.90	7.470	32.87	1479.36	1479.35	-.01
105.23	105.99	7.353	32.99	1479.13	1479.13	.00
110.28	111.07	7.333	32.85	1478.98	1478.98	.00
114.76	115.59	7.148	32.90	1478.38	1478.37	.00
119.80	120.66	6.982	32.89	1477.81	1477.82	.01
124.83	125.73	6.806	33.17	1477.55	1477.54	.00
129.86	130.80	6.708	33.13	1477.21	1477.21	.01
134.89	135.86	6.650	33.17	1477.09	1477.09	.00
139.91	140.92	6.503	33.44	1476.94	1476.94	-.01
144.93	145.97	6.464	33.56	1477.02	1477.02	.00
149.94	151.02	6.493	33.33	1476.94	1476.95	.00
154.95	156.06	6.415	33.52	1476.94	1476.94	-.01
159.95	161.11	6.396	33.51	1476.94	1476.95	.01
164.95	166.14	6.376	33.54	1476.98	1476.97	-.01
169.95	171.17	6.327	33.69	1477.06	1477.05	-.01
174.94	176.20	6.288	33.72	1477.02	1477.01	-.01
179.93	181.23	6.327	33.55	1477.06	1477.06	.00
184.91	186.24	6.200	33.75	1476.87	1476.86	-.01
189.89	191.26	6.151	33.74	1476.76	1476.76	.01
194.87	196.27	6.112	33.75	1476.68	1476.68	.00
199.84	201.28	6.015	33.90	1476.57	1476.56	-.01
204.81	206.28	6.015	33.74	1476.46	1476.47	.01
209.77	211.28	5.956	33.75	1476.30	1476.30	-.01
214.73	216.27	5.917	33.71	1476.19	1476.20	.01
220.23	221.82	5.839	33.75	1476.00	1476.00	.00
225.18	226.80	5.800	33.74	1475.93	1475.94	.01
230.12	231.78	5.761	33.81	1475.93	1475.93	.00
235.07	236.76	5.761	33.73	1475.93	1475.93	.00
240.00	241.73	5.683	33.87	1475.85	1475.85	.00
244.93	246.70	5.634	33.83	1475.70	1475.71	.01
249.86	251.66	5.536	33.85	1475.40	1475.40	-.01
254.79	256.62	5.526	33.63	1475.18	1475.18	.00
260.25	262.13	5.321	33.90	1474.77	1474.76	-.01
265.17	267.08	5.350	33.70	1474.73	1474.73	.00
270.08	272.02	5.282	33.78	1474.62	1474.61	.00
274.99	276.97	5.175	33.85	1474.35	1474.35	-.01

279.89	281.90	5.214	33.68	1474.39	1474.39	.00
284.79	286.84	5.136	33.70	1474.17	1474.16	-.01
290.23	292.31	5.038	33.98	1474.20	1474.20	.00
295.11	297.24	5.028	33.76	1473.98	1473.99	.01
300.00	302.16	4.999	33.67	1473.83	1473.83	.00
304.88	307.08	4.991	33.72	1473.64	1473.63	-.01
309.76	311.99	4.872	33.82	1473.64	1473.64	.00
315.17	317.44	4.823	34.11	1473.90	1473.90	-.01
320.04	322.34	4.813	33.89	1473.68	1473.68	.00
324.90	327.24	4.794	33.75	1473.49	1473.50	.01
329.76	332.14	4.735	33.97	1473.60	1473.60	-.01
335.16	337.57	4.764	33.77	1473.57	1473.57	.01
340.01	342.46	4.686	34.00	1473.60	1473.60	.00
344.85	347.34	4.667	33.87	1473.45	1473.46	.01
350.23	352.76	4.676	33.80	1473.49	1473.50	.01
355.07	357.63	4.637	33.96	1473.60	1473.59	-.01
359.91	362.50	4.618	33.78	1473.38	1473.39	.01
364.73	367.36	4.540	33.92	1473.30	1473.30	.00
370.09	372.76	4.530	33.81	1473.23	1473.23	.00
374.92	377.61	4.510	33.79	1473.19	1473.20	.01
380.27	383.00	4.540	33.62	1473.19	1473.20	.01
385.08	387.85	4.501	33.75	1473.27	1473.26	-.01
389.88	392.69	4.393	33.92	1473.12	1473.11	-.01
395.22	398.07	4.422	33.78	1473.15	1473.16	.00
400.02	402.90	4.354	33.95	1473.15	1473.15	-.01
404.81	407.73	4.344	33.91	1473.15	1473.16	.01
410.13	413.09	4.305	33.98	1473.15	1473.15	-.01
414.92	417.91	4.335	33.81	1473.15	1473.16	.01
420.23	423.26	4.325	33.80	1473.19	1473.19	.00
425.01	428.07	4.276	34.03	1473.34	1473.34	.00
429.78	432.87	4.286	33.90	1473.30	1473.32	.01
435.08	438.21	4.276	33.96	1473.42	1473.41	.00
439.84	443.01	4.315	33.85	1473.53	1473.54	.01
445.13	448.33	4.247	33.98	1473.49	1473.48	-.01
449.88	453.12	4.256	33.97	1473.60	1473.61	.01
455.16	458.44	4.266	33.84	1473.57	1473.57	.01
459.90	463.22	4.208	34.04	1473.64	1473.64	.00
465.17	468.52	4.198	33.99	1473.64	1473.65	.01
469.91	473.29	4.247	33.86	1473.75	1473.76	.01
475.17	478.59	4.208	33.93	1473.75	1473.75	.00
479.89	483.35	4.188	33.96	1473.79	1473.78	-.01
485.14	488.63	4.159	33.95	1473.75	1473.76	.01
489.86	493.39	4.227	33.67	1473.75	1473.76	.01
495.10	498.66	4.178	33.86	1473.87	1473.86	.00
499.81	503.41	4.100	34.08	1473.90	1473.90	-.01
505.04	508.67	4.129	33.97	1473.98	1473.99	.01
510.26	513.93	4.149	33.84	1473.98	1473.99	.01
514.96	518.66	4.129	33.81	1473.94	1473.95	.00
520.17	523.91	4.110	33.90	1474.05	1474.04	-.01
524.86	528.63	4.071	34.00	1474.09	1474.08	-.01
530.06	533.88	4.100	33.83	1474.09	1474.10	.01
535.26	539.11	4.061	33.96	1474.17	1474.16	.00
539.93	543.82	4.042	33.95	1474.17	1474.17	.01
545.12	549.04	4.051	33.88	1474.20	1474.21	.00
549.78	553.74	4.012	34.02	1474.28	1474.27	.00
554.96	558.96	4.002	33.97	1474.28	1474.28	.00
560.13	564.17	3.973	34.01	1474.28	1474.27	-.01
564.79	568.85	3.983	33.94	1474.32	1474.32	.01
569.95	574.05	3.934	34.04	1474.32	1474.30	-.01
575.11	579.25	3.944	33.94	1474.32	1474.33	.01
579.74	583.92	3.905	34.04	1474.35	1474.34	-.01
584.89	589.10	3.836	34.23	1474.39	1474.38	-.01
590.04	594.28	3.885	34.00	1474.39	1474.40	.01
595.17	599.46	3.895	33.96	1474.47	1474.48	.01
599.79	604.11	3.856	34.09	1474.54	1474.53	-.01
604.92	609.28	3.856	34.07	1474.62	1474.62	.00

610.04	614.44	3.705	33.85	1474.62	1474.62	.01
615.16	619.59	3.836	34.11	1474.73	1474.73	.00
619.76	624.22	3.846	34.00	1474.73	1474.73	.00
624.87	629.37	3.866	33.87	1474.73	1474.73	.00
629.97	634.51	3.797	34.13	1474.84	1474.83	-.01
635.07	639.64	3.797	34.11	1474.92	1474.92	.00
640.16	644.77	3.788	34.08	1474.92	1474.92	.01
645.25	649.89	3.827	33.91	1474.95	1474.95	.00
649.82	654.50	3.807	33.99	1475.03	1475.02	-.01
654.90	659.61	3.788	34.05	1475.10	1475.10	.00
659.97	664.72	3.817	33.99	1475.25	1475.26	.00
665.04	669.82	3.797	33.96	1475.22	1475.22	.00
670.10	674.92	3.748	34.13	1475.29	1475.29	.00
675.15	680.01	3.748	34.15	1475.40	1475.40	-.01
680.20	685.10	3.768	34.01	1475.40	1475.41	.01
685.25	690.18	3.778	34.00	1475.52	1475.52	.01
689.79	694.75	3.719	34.23	1475.63	1475.62	-.01
694.82	699.82	3.709	34.22	1475.67	1475.67	.01
699.85	704.89	3.700	34.21	1475.70	1475.71	.00
704.88	709.95	3.700	34.22	1475.78	1475.78	.00
709.90	715.01	3.719	34.08	1475.78	1475.78	.00
714.91	720.06	3.700	34.12	1475.82	1475.81	.00
719.92	725.11	3.709	34.10	1475.93	1475.93	.00
724.93	730.15	3.680	34.14	1475.93	1475.92	-.01
729.93	735.18	3.631	34.27	1475.97	1475.96	.00
734.92	740.21	3.709	33.94	1475.97	1475.97	.01
739.91	745.24	3.700	33.97	1476.04	1476.03	-.01
744.89	750.26	3.690	34.00	1476.12	1476.11	-.01
749.87	755.27	3.661	34.03	1476.12	1476.11	-.01
754.84	760.28	3.651	34.06	1476.19	1476.19	-.01
759.81	765.28	3.680	34.72	1477.25	1477.24	.00
764.78	770.28	3.651	34.04	1476.34	1476.35	.01
770.23	775.77	3.690	33.87	1476.38	1476.39	.01
775.18	780.76	3.651	33.97	1476.42	1476.41	-.01
780.13	785.74	3.670	33.87	1476.46	1476.46	.01
785.07	790.72	3.700	33.74	1476.49	1476.51	.01
790.01	795.69	3.651	33.93	1476.61	1476.60	-.01
794.94	800.66	3.631	33.99	1476.68	1476.67	-.01
799.86	805.62	3.661	33.85	1476.72	1476.73	.01
804.78	810.58	3.661	33.88	1476.83	1476.82	-.01
810.19	816.02	3.612	34.03	1476.91	1476.90	-.01
815.10	820.97	3.612	33.90	1476.83	1476.84	.00
820.00	825.91	3.651	33.77	1476.91	1476.91	.01
824.90	830.84	3.612	33.84	1476.91	1476.90	-.01
829.80	835.77	3.602	33.90	1477.02	1477.01	-.01
835.18	841.19	3.582	33.89	1477.02	1477.03	.01
840.06	846.11	3.573	33.88	1477.06	1477.06	.00
844.94	851.02	3.543	33.99	1477.13	1477.13	.00
849.81	855.93	3.543	33.95	1477.17	1477.18	.01
855.16	861.32	3.553	33.87	1477.21	1477.21	.00
860.03	866.22	3.524	33.94	1477.25	1477.23	-.01
864.88	871.11	3.475	34.51	1477.85	1477.84	.00
870.22	876.49	3.504	33.99	1477.40	1477.41	.01

XSVT PROBE #0006423

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	36.667	*****	1503.68	1549.98	.00
10.26	10.33	36.667	*****	1503.84	1550.07	.00
14.81	14.92	36.667	*****	1503.88	1550.14	.00
19.93	20.08	36.667	*****	1503.99	1550.23	.00
25.05	25.23	36.667	*****	1503.91	1550.31	.00
30.16	30.38	36.667	*****	1503.95	1550.40	.00
35.27	35.53	36.667	*****	1504.11	1550.48	.00
39.81	40.10	36.667	*****	1502.55	1550.56	.00
44.91	45.23	36.667	*****	1495.23	1550.64	.00
50.01	50.37	36.667	*****	1491.23	1550.73	.00
55.10	55.50	36.667	*****	1487.71	1550.81	.00
60.19	60.62	36.667	*****	1485.23	1550.90	.00
65.27	65.74	36.667	*****	1483.67	1550.98	.00
69.79	70.29	35.534	*****	1483.44	1549.08	.00
74.86	75.40	34.996	*****	1482.84	1548.20	.00
79.93	80.51	34.391	*****	1481.06	1547.18	.00
85.00	85.61	33.785	*****	1479.96	1546.14	.00
90.06	90.71	33.726	*****	1479.62	1546.11	.00
95.12	95.81	33.394	*****	1479.24	1545.57	.00
100.18	100.90	33.072	*****	1478.98	1545.04	.00
105.23	105.98	33.209	*****	1478.79	1545.38	.00

XSVT PROBE #000624

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.197	32.17	1504.07	1504.07	.00
10.26	10.34	15.177	32.32	1504.27	1504.26	.00
14.82	14.92	15.167	32.38	1504.38	1504.37	-.01
19.94	20.08	15.089	32.49	1504.34	1504.34	.00
25.06	25.24	15.118	32.36	1504.38	1504.39	.00
30.17	30.39	15.109	32.31	1504.38	1504.39	.00
35.28	35.53	14.454	32.27	1502.32	1502.32	.00
39.81	40.10	12.149	32.82	1495.34	1495.34	-.01
44.92	45.24	11.436	32.98	1493.15	1493.14	.00
50.01	50.37	10.723	32.66	1490.35	1490.35	.01
55.10	55.50	10.166	32.95	1488.78	1488.77	-.01
60.19	60.62	9.648	32.88	1486.91	1486.91	.00
65.28	65.75	8.984	32.76	1484.39	1484.40	.00
69.79	70.29	8.759	32.87	1483.75	1483.74	-.01
74.87	75.41	8.554	32.93	1483.14	1483.13	-.01
79.94	80.51	8.330	32.77	1482.19	1482.20	.01
85.01	85.62	8.076	32.97	1481.55	1481.54	-.01
90.07	90.72	7.949	32.89	1481.06	1481.07	.01
95.13	95.81	7.695	32.94	1480.22	1480.22	-.01
100.18	100.90	7.441	33.09	1479.51	1479.51	.00
105.23	105.99	7.441	32.92	1479.39	1479.40	.01
110.28	111.07	7.187	33.20	1478.83	1478.83	.00
114.76	115.59	7.070	33.10	1478.34	1478.35	.01
119.80	120.66	6.933	33.14	1477.92	1477.92	.00
124.83	125.73	6.806	33.26	1477.66	1477.65	.00
129.86	130.80	6.630	33.53	1477.40	1477.38	-.01
134.89	135.86	6.581	33.40	1477.13	1477.14	.00
139.91	140.92	6.464	33.59	1476.98	1476.97	-.01
144.93	145.97	6.454	33.55	1476.98	1476.99	.01
149.94	151.02	6.454	33.51	1477.02	1477.02	.00
154.95	156.06	6.366	33.74	1477.02	1477.02	.00
159.95	161.11	6.337	33.94	1477.25	1477.24	-.01
164.95	166.14	6.278	33.81	1476.94	1476.95	.00
169.95	171.17	6.259	33.82	1476.94	1476.94	.00
174.94	176.20	6.200	34.00	1477.02	1477.02	.00
179.93	181.23	6.239	33.86	1477.09	1477.10	.01
184.91	186.24	6.132	34.08	1477.02	1477.01	-.01
189.89	191.26	6.161	33.92	1477.02	1477.03	.01
194.87	196.27	6.132	33.88	1476.94	1476.95	.00
199.84	201.28	6.034	33.99	1476.76	1476.75	-.01
204.81	206.28	5.976	33.98	1476.61	1476.61	.01
209.77	211.28	5.966	34.02	1476.68	1476.68	.00
214.73	216.27	5.878	34.08	1476.49	1476.49	-.01
220.23	221.82	5.888	33.97	1476.49	1476.50	.01
225.18	226.80	5.878	34.01	1476.57	1476.57	.00
230.12	231.78	5.810	33.94	1476.30	1476.31	.01
235.07	236.76	5.673	34.05	1475.97	1475.96	-.01
240.00	241.73	5.624	34.01	1475.82	1475.82	.00
244.93	246.70	5.565	34.09	1475.74	1475.74	.00
249.86	251.66	5.516	33.99	1475.52	1475.52	.00
254.79	256.62	5.497	34.00	1475.52	1475.51	-.01
260.25	262.13	5.448	33.99	1475.40	1475.41	.01
265.17	267.08	5.282	34.11	1474.95	1474.95	.00
270.08	272.02	5.331	33.94	1475.03	1475.04	.01
274.99	276.97	5.243	34.19	1475.07	1475.05	-.01

279.89	281.90	5.263	33.94	1474.92	1474.92	.01
284.79	286.84	5.194	33.99	1474.77	1474.76	.00
290.23	292.31	5.184	33.88	1474.69	1474.70	.00
295.11	297.24	5.136	33.95	1474.65	1474.64	-.01
300.00	302.16	5.106	33.89	1474.54	1474.55	.01
304.88	307.08	4.979	34.12	1474.39	1474.38	-.01
309.76	311.99	4.755	34.66	1474.24	1474.23	-.01
315.17	317.44	4.921	33.93	1474.09	1474.09	.00
320.04	322.34	4.852	34.16	1474.17	1474.16	-.01
324.90	327.24	4.852	34.06	1474.13	1474.14	.01
329.76	332.14	4.891	33.87	1474.13	1474.13	.01
335.16	337.57	4.823	34.85	1475.18	1475.17	-.01
340.01	342.46	4.823	33.96	1474.13	1474.14	.01
344.85	347.34	4.745	34.01	1473.94	1473.94	-.01
350.23	352.76	4.774	33.93	1474.05	1474.07	.01
355.07	357.63	4.725	33.94	1473.94	1473.93	-.01
359.91	362.50	4.667	34.07	1473.94	1473.94	.00
364.73	367.36	4.657	34.00	1473.90	1473.91	.01
370.09	372.76	4.637	34.03	1473.94	1473.93	-.01
374.92	377.61	4.628	33.96	1473.90	1473.91	.00
380.27	383.00	4.589	34.13	1473.90	1473.90	.00
385.08	387.85	4.549	34.09	1473.90	1473.92	.01
389.88	392.69	4.549	34.21	1474.13	1474.12	-.01
395.22	398.07	4.530	33.99	1473.87	1473.88	.01
400.02	402.90	4.481	34.12	1473.90	1473.89	-.01
404.81	407.73	4.501	33.96	1473.87	1473.87	.01
410.13	413.09	4.403	34.13	1473.75	1473.75	-.01
414.92	417.91	4.403	34.00	1473.68	1473.69	.01
420.23	423.26	4.374	34.06	1473.72	1473.70	-.01
425.01	428.07	4.305	34.20	1473.68	1473.68	.00
429.78	432.87	4.344	33.97	1473.64	1473.65	.01
435.08	438.21	4.305	34.07	1473.68	1473.67	.00
439.84	443.01	4.266	34.22	1473.79	1473.78	-.01
445.13	448.33	4.286	34.17	1473.90	1473.91	.01
449.88	453.12	4.286	34.13	1473.94	1473.94	.00
455.16	458.44	4.295	34.04	1473.94	1473.95	.01
459.90	463.22	4.217	34.21	1473.90	1473.90	-.01
465.17	468.52	4.217	34.13	1473.90	1473.91	.00
469.91	473.29	4.217	34.14	1473.98	1473.97	-.01
475.17	478.59	4.217	34.09	1474.02	1474.02	.00
479.89	483.35	4.227	34.06	1474.09	1474.10	.01
485.14	488.63	4.178	34.19	1474.13	1474.12	-.01
489.86	493.39	4.168	34.18	1474.17	1474.17	.01
495.10	498.66	4.129	34.25	1474.17	1474.16	-.01
499.81	503.41	4.188	33.99	1474.17	1474.17	.01
505.04	508.67	4.090	34.25	1474.17	1474.16	-.01
510.26	513.93	4.159	34.01	1474.24	1474.25	.01
514.96	518.66	4.071	34.21	1474.20	1474.19	-.01
520.17	523.91	4.071	34.20	1474.28	1474.29	.01
524.86	528.63	4.081	34.19	1474.39	1474.40	.01
530.06	533.88	4.090	34.01	1474.28	1474.29	.01
535.26	539.11	4.032	34.26	1474.43	1474.43	.00
539.93	543.82	4.051	34.12	1474.43	1474.43	.00
545.12	549.04	4.012	34.17	1474.39	1474.39	.00
549.78	553.74	3.973	34.26	1474.43	1474.42	-.01
554.96	558.96	3.993	34.21	1474.54	1474.55	.01
560.13	564.17	3.983	34.15	1474.50	1474.52	.01
564.79	568.85	3.944	34.34	1474.65	1474.65	-.01
569.95	574.05	3.934	34.27	1474.62	1474.63	.01
575.11	579.25	3.944	34.20	1474.65	1474.66	.01
579.74	583.92	3.915	34.30	1474.73	1474.72	-.01
584.89	589.10	3.944	34.10	1474.69	1474.69	.00
590.04	594.28	3.885	34.30	1474.77	1474.76	.00
595.17	599.46	3.905	34.21	1474.84	1474.84	.00
599.79	604.11	3.885	34.26	1474.88	1474.87	.00
604.92	609.28	3.866	34.28	1474.92	1474.90	-.01

610.04	614.44	3.827	34.35	1474.92	1474.91	.00
615.16	619.59	3.827	34.30	1474.95	1474.96	.01
619.76	624.22	3.709	34.66	1474.99	1474.98	-.01
624.87	629.37	3.836	34.23	1475.07	1475.07	.00
629.97	634.51	3.788	34.33	1475.07	1475.05	-.01
635.07	639.64	3.807	34.23	1475.10	1475.11	.01
640.16	644.77	3.797	34.26	1475.18	1475.17	-.01
645.25	649.89	3.817	34.18	1475.25	1475.26	.01
649.82	654.50	3.768	34.23	1475.18	1475.17	-.01
654.90	659.61	3.807	34.09	1475.25	1475.26	.01
659.97	664.72	3.739	34.34	1475.37	1475.35	-.01
665.04	669.82	3.739	34.30	1475.40	1475.41	.01
670.10	674.92	3.748	34.36	1475.59	1475.58	-.01
675.15	680.01	3.748	34.23	1475.52	1475.53	.01
680.20	685.10	3.709	34.42	1475.67	1475.66	.00
685.25	690.18	3.748	34.21	1475.67	1475.67	.00
689.79	694.75	3.739	34.28	1475.78	1475.77	-.01
694.82	699.82	3.700	34.32	1475.74	1475.74	.00
699.85	704.89	3.690	34.30	1475.78	1475.78	.00
704.88	709.95	3.690	34.27	1475.82	1475.82	.01
709.90	715.01	3.621	34.50	1475.89	1475.89	-.01
714.91	720.06	3.680	34.29	1475.97	1475.97	.01
719.92	725.11	3.631	34.45	1476.04	1476.03	-.01
724.93	730.15	3.621	34.44	1476.08	1476.08	.00
729.93	735.18	3.602	34.48	1476.12	1476.11	-.01
734.92	740.21	3.621	34.37	1476.15	1476.16	.00
739.91	745.24	3.592	34.47	1476.23	1476.22	-.01
744.89	750.26	3.582	34.46	1476.27	1476.27	.01
749.87	755.27	3.612	34.30	1476.27	1476.28	.01
754.84	760.28	3.573	34.40	1476.30	1476.30	-.01
759.81	765.28	3.553	34.46	1476.38	1476.37	-.01
764.78	770.28	3.563	34.38	1476.42	1476.42	.00
770.23	775.77	3.553	34.35	1476.42	1476.43	.01
775.18	780.76	3.504	34.51	1476.49	1476.48	-.01
780.13	785.74	3.514	34.47	1476.57	1476.58	.01
785.07	790.72	3.504	34.53	1476.68	1476.67	-.01
790.01	795.69	3.495	34.49	1476.68	1476.69	.01
794.94	800.66	3.563	34.26	1476.76	1476.76	.00
799.86	805.62	3.495	34.46	1476.79	1476.79	-.01
804.78	810.58	3.465	34.52	1476.83	1476.82	-.01
810.19	816.02	3.475	34.41	1476.83	1476.83	.00
815.10	820.97	3.475	34.45	1476.94	1476.94	.00
820.00	825.91	3.446	34.48	1476.94	1476.94	-.01
824.90	830.84	3.416	34.60	1477.06	1477.05	-.01
829.80	835.77	3.446	34.46	1477.09	1477.10	.01
835.18	841.19	3.455	34.39	1477.13	1477.14	.00
840.06	846.11	3.426	34.55	1477.28	1477.28	-.01
844.94	851.02	3.397	34.54	1477.25	1477.25	.00
849.81	855.93	3.426	34.44	1477.32	1477.32	.00
855.16	861.32	3.446	34.47	1477.51	1477.51	.00
860.03	866.22	3.416	34.43	1477.43	1477.43	.00
864.88	871.11	3.387	34.51	1477.47	1477.47	.00
870.22	876.49	3.338	34.69	1477.58	1477.58	.00

XSVT PROBE #000627

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.275	27.16	1498.51	1498.52	.00
10.26	10.34	15.206	27.46	1498.71	1498.70	.00
14.82	14.92	15.187	27.48	1498.74	1498.74	.00
19.94	20.08	15.187	31.82	1503.88	1503.87	.00
25.06	25.24	15.138	27.56	1498.86	1498.87	.01
30.17	30.39	15.128	27.59	1498.94	1498.93	-.01
35.28	35.53	14.689	27.27	1497.23	1497.24	.00
39.81	40.10	12.413	27.74	1490.19	1490.19	.00
44.92	45.24	11.455	27.98	1487.21	1487.20	-.01
50.01	50.37	10.752	28.07	1484.89	1484.88	.00
55.10	55.50	10.430	28.12	1483.86	1483.86	.00
60.19	60.62	9.941	28.18	1482.23	1482.23	.00
65.28	65.75	9.512	32.80	1486.37	1486.37	.00
69.79	70.29	8.877	32.75	1484.05	1484.06	.01
74.87	75.41	8.574	32.78	1483.03	1483.02	.00
79.94	80.51	8.222	32.76	1481.78	1481.78	.00
85.01	85.62	8.105	32.72	1481.36	1481.37	.01
90.07	90.72	7.871	33.05	1480.94	1480.94	.00
95.13	95.81	7.617	32.99	1480.00	1480.00	.00
100.18	100.90	7.451	32.89	1479.32	1479.32	.00
105.23	105.99	7.363	32.90	1479.05	1479.05	.00
110.28	111.07	7.226	33.07	1478.83	1478.82	-.01
114.76	115.59	7.089	33.08	1478.38	1478.37	-.01
119.80	120.66	6.933	33.01	1477.77	1477.78	.01
124.83	125.73	6.786	33.29	1477.62	1477.61	-.01
129.86	130.80	6.679	33.32	1477.32	1477.31	-.01
134.89	135.86	6.581	33.38	1477.09	1477.09	-.01
139.91	140.92	6.484	33.50	1476.94	1476.94	-.01
144.93	145.97	6.415	33.71	1477.02	1477.01	-.01
149.94	151.02	6.454	33.48	1476.98	1476.98	.00
154.95	156.06	6.347	33.77	1476.98	1476.98	.00
159.95	161.11	6.347	33.72	1477.02	1477.03	.01
164.95	166.14	6.327	33.73	1477.02	1477.02	.00
169.95	171.17	6.239	33.88	1476.94	1476.94	-.01
174.94	176.20	6.269	33.74	1476.98	1476.99	.01
179.93	181.23	6.288	33.87	1477.28	1477.28	.00
184.91	186.24	6.190	33.90	1477.02	1477.01	-.01
189.89	191.26	6.200	33.85	1477.09	1477.10	.00
194.87	196.27	6.161	33.92	1477.09	1477.09	-.01
199.84	201.28	6.103	33.98	1477.02	1477.01	-.01
204.81	206.28	6.083	33.79	1476.79	1476.80	.01
209.77	211.28	6.015	33.86	1476.68	1476.67	-.01
214.73	216.27	5.976	34.01	1476.79	1476.79	-.01
220.23	221.82	6.005	33.81	1476.76	1476.77	.01
225.18	226.80	5.927	33.97	1476.72	1476.71	-.01
230.12	231.78	5.868	33.87	1476.46	1476.46	.00
235.07	236.76	5.819	33.89	1476.34	1476.34	.00
240.00	241.73	5.683	34.13	1476.19	1476.18	-.01
244.93	246.70	5.604	33.90	1475.67	1475.68	.01
249.86	251.66	5.565	33.97	1475.67	1475.67	.00
254.79	256.62	5.516	33.96	1475.55	1475.56	.01
260.25	262.13	5.409	34.06	1475.33	1475.32	-.01
265.17	267.08	5.389	33.93	1475.18	1475.18	.00
270.08	272.02	5.331	33.91	1474.99	1475.00	.01
274.99	276.97	5.302	34.01	1475.07	1475.06	.00

279.89	281.90	5.321	33.81	1474.99	1474.99	.00
284.79	286.84	5.272	33.86	1474.92	1474.91	.00
290.23	292.31	5.175	34.01	1474.80	1474.80	.00
295.11	297.24	5.155	33.94	1474.73	1474.73	.01
300.00	302.16	5.136	33.88	1474.65	1474.66	.01
304.88	307.08	5.096	33.95	1474.65	1474.64	-.01
309.76	311.99	5.048	33.92	1474.50	1474.51	.01
315.17	317.44	4.979	34.20	1474.65	1474.65	.00
320.04	322.34	4.940	33.93	1474.24	1474.25	.01
324.90	327.24	4.852	34.01	1474.05	1474.05	-.01
329.76	332.14	4.921	33.89	1474.28	1474.28	.00
335.16	337.57	4.842	34.00	1474.17	1474.16	.00
340.01	342.46	4.803	34.06	1474.17	1474.16	-.01
344.85	347.34	4.813	33.93	1474.13	1474.14	.01
350.23	352.76	4.784	33.96	1474.13	1474.12	-.01
355.07	357.63	4.725	34.06	1474.09	1474.08	-.01
359.91	362.50	4.725	33.87	1473.94	1473.95	.01
364.73	367.36	4.764	33.80	1474.09	1474.10	.01
370.09	372.76	4.676	33.97	1474.02	1474.01	.00
374.92	377.61	4.618	34.03	1473.94	1473.93	-.01
380.27	383.00	4.618	33.98	1473.98	1473.98	.00
385.08	387.85	4.637	33.86	1473.98	1473.98	.01
389.88	392.69	4.569	34.00	1473.94	1473.94	.00
395.22	398.07	4.540	34.08	1474.02	1474.01	-.01
400.02	402.90	4.589	33.82	1473.98	1473.98	.00
404.81	407.73	4.559	33.87	1473.98	1473.97	-.01
410.13	413.09	4.471	34.03	1473.90	1473.90	.00
414.92	417.91	4.442	33.93	1473.75	1473.76	.00
420.23	423.26	4.364	34.04	1473.64	1473.64	.00
425.01	428.07	4.393	33.87	1473.64	1473.64	.00
429.78	432.87	4.325	34.01	1473.60	1473.59	-.01
435.08	438.21	4.325	34.06	1473.75	1473.74	-.01
439.84	443.01	4.295	34.10	1473.75	1473.75	.00
445.13	448.33	4.354	33.95	1473.90	1473.91	.01
449.88	453.12	4.295	34.09	1473.90	1473.90	.00
455.16	458.44	4.305	34.01	1473.94	1473.95	.01
459.90	463.22	4.266	34.14	1474.02	1474.01	-.01
465.17	468.52	4.266	34.06	1474.02	1474.02	.00
469.91	473.29	4.237	34.11	1474.02	1474.01	.00
475.17	478.59	4.217	34.06	1473.98	1473.98	.00
479.89	483.35	4.217	34.10	1474.09	1474.08	-.01
485.14	488.63	4.237	34.02	1474.17	1474.18	.01
489.86	493.39	4.208	34.06	1474.17	1474.16	-.01
495.10	498.66	4.168	34.12	1474.17	1474.15	-.01
499.81	503.41	4.198	33.96	1474.17	1474.18	.01
505.04	508.67	4.159	34.03	1474.17	1474.16	.00
510.26	513.93	4.100	34.18	1474.20	1474.20	-.01
514.96	518.66	4.100	34.11	1474.20	1474.21	.01
520.17	523.91	4.120	34.04	1474.28	1474.29	.01
524.86	528.63	4.081	34.08	1474.24	1474.23	-.01
530.06	533.88	4.022	34.24	1474.28	1474.27	.00
535.26	539.11	4.071	34.06	1474.35	1474.36	.01
539.93	543.82	4.032	34.14	1474.35	1474.35	.00
545.12	549.04	4.022	34.34	1474.65	1474.65	.00
549.78	553.74	4.042	34.09	1474.50	1474.51	.01
554.96	558.96	4.002	34.19	1474.54	1474.54	-.01
560.13	564.17	3.983	34.17	1474.54	1474.54	.00
564.79	568.85	3.993	34.14	1474.62	1474.62	.01
569.95	574.05	3.983	34.11	1474.62	1474.63	.01
575.11	579.25	3.954	34.15	1474.62	1474.61	.00
579.74	583.92	3.924	34.21	1474.65	1474.64	-.01
584.89	589.10	3.934	34.10	1474.65	1474.65	.00
590.04	594.28	3.905	34.23	1474.77	1474.76	-.01
595.17	599.46	3.915	34.18	1474.84	1474.85	.00
599.79	604.11	3.875	34.29	1474.88	1474.87	-.01
604.92	609.28	3.885	34.18	1474.88	1474.88	.00

610.04	614.44	3.885	34.15	1474.92	1474.93	.01
615.16	619.59	3.836	34.46	1475.18	1475.18	.00
619.76	624.22	3.885	34.08	1474.99	1475.00	.01
624.87	629.37	3.817	34.31	1475.07	1475.06	.00
629.97	634.51	3.846	34.19	1475.14	1475.14	.00
635.07	639.64	3.817	34.26	1475.18	1475.17	-.01
640.16	644.77	3.836	34.13	1475.18	1475.19	.01
645.25	649.89	3.827	34.16	1475.25	1475.25	.00
649.82	654.50	3.778	34.23	1475.22	1475.21	-.01
654.90	659.61	3.768	34.26	1475.29	1475.29	.00
659.97	664.72	3.758	34.24	1475.33	1475.33	.00
665.04	669.82	3.778	34.17	1475.40	1475.41	.00
670.10	674.92	3.719	34.31	1475.40	1475.40	-.01
675.15	680.01	3.739	34.20	1475.44	1475.45	.01
680.20	685.10	3.719	34.27	1475.52	1475.51	.00
685.25	690.18	3.739	34.16	1475.55	1475.56	.01
689.79	694.75	3.661	34.42	1475.63	1475.62	-.01
694.82	699.82	3.661	34.38	1475.67	1475.68	.01
699.85	704.89	3.661	34.34	1475.70	1475.71	.01
704.88	709.95	3.670	34.28	1475.74	1475.75	.01
709.90	715.01	3.661	34.24	1475.74	1475.75	.00
714.91	720.06	3.680	34.20	1475.85	1475.86	.00
719.92	725.11	3.612	34.37	1475.85	1475.85	-.01
724.93	730.15	3.602	34.40	1475.93	1475.93	.00
729.93	735.18	3.651	34.19	1475.97	1475.97	.00
734.92	740.21	3.504	34.62	1475.97	1475.96	-.01
739.91	745.24	3.651	34.18	1476.12	1476.12	.00
744.89	750.26	3.563	34.47	1476.19	1476.18	-.01
749.87	755.27	3.592	34.31	1476.19	1476.20	.01
754.84	760.28	3.592	34.27	1476.23	1476.23	.01
759.81	765.28	3.543	34.41	1476.27	1476.26	.00
764.78	770.28	3.543	34.39	1476.34	1476.35	.00
770.23	775.77	3.543	34.29	1476.30	1476.31	.00
775.18	780.76	3.504	34.43	1476.38	1476.38	.00
780.13	785.74	3.495	34.38	1476.38	1476.38	.00
785.07	790.72	3.485	34.42	1476.46	1476.45	-.01
790.01	795.69	3.446	34.54	1476.53	1476.52	-.01
794.94	800.66	3.514	34.28	1476.57	1476.58	.01
799.86	805.62	3.455	34.45	1476.61	1476.61	.00
804.78	810.58	3.455	34.43	1476.68	1476.69	.01
810.19	816.02	3.485	34.29	1476.72	1476.72	.00
815.10	820.97	3.455	34.40	1476.79	1476.79	.00
820.00	825.91	3.416	34.52	1476.87	1476.86	-.01
824.90	830.84	3.436	34.44	1476.94	1476.95	.01
829.80	835.77	3.495	34.24	1477.02	1477.02	.00
835.18	841.19	3.436	34.41	1477.06	1477.06	.00
840.06	846.11	3.416	34.50	1477.17	1477.17	.00
844.94	851.02	3.407	34.48	1477.21	1477.21	.00
849.81	855.93	3.446	34.32	1477.25	1477.25	.01
855.16	861.32	3.416	34.45	1477.36	1477.35	.00
860.03	866.22	3.387	34.51	1477.40	1477.39	-.01
864.88	871.11	3.407	34.40	1477.43	1477.44	.00
870.22	876.49	3.377	34.47	1477.47	1477.46	-.01

XSVT PROBE #000629

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.294	31.83	1503.99	1504.00	.01
10.26	10.34	15.158	32.30	1504.19	1504.18	-.01
14.82	14.92	15.158	32.37	1504.34	1504.33	-.01
19.94	20.08	15.118	32.54	1504.50	1504.49	-.01
25.06	25.24	15.158	32.42	1504.58	1504.58	.01
30.17	30.39	15.109	32.35	1504.42	1504.43	.01
35.28	35.53	14.513	32.21	1502.43	1502.44	.01
39.81	40.10	12.110	32.64	1495.00	1494.99	-.01
44.92	45.24	11.055	32.88	1491.69	1491.69	.00
50.01	50.37	10.498	32.72	1489.62	1489.62	.00
55.10	55.50	9.941	32.84	1487.82	1487.82	.00
60.19	60.62	9.629	32.89	1486.83	1486.83	.00
65.28	65.75	9.590	32.52	1486.33	1486.34	.00
69.79	70.29	8.926	32.67	1484.13	1484.12	-.01
74.87	75.41	8.564	32.84	1483.06	1483.06	-.01
79.94	80.51	8.359	32.91	1482.46	1482.46	.00
85.01	85.62	8.095	32.81	1481.44	1481.44	.00
90.07	90.72	7.802	32.92	1480.53	1480.52	-.01
95.13	95.81	7.656	32.87	1480.00	1480.00	.00
100.18	100.90	7.382	33.06	1479.24	1479.24	.00
105.23	105.99	7.294	33.04	1478.98	1478.98	.01
110.28	111.07	7.206	32.95	1478.60	1478.61	.01
114.76	115.59	7.031	33.05	1478.11	1478.11	-.01
119.80	120.66	6.845	33.23	1477.70	1477.69	-.01
124.83	125.73	6.757	33.22	1477.43	1477.44	.00
129.86	130.80	6.669	33.35	1477.32	1477.31	-.01
134.89	135.86	6.542	33.50	1477.09	1477.08	-.01
139.91	140.92	6.464	33.56	1476.94	1476.93	-.01
144.93	145.97	6.464	33.55	1477.02	1477.03	.01
149.94	151.02	6.435	33.76	1477.25	1477.23	-.01
154.95	156.06	6.357	33.75	1477.02	1477.02	.00
159.95	161.11	6.357	33.63	1476.94	1476.95	.01
164.95	166.14	6.288	33.85	1477.02	1477.01	-.01
169.95	171.17	6.239	33.97	1477.06	1477.05	-.01
174.94	176.20	6.230	33.92	1477.06	1477.06	.00
179.93	181.23	6.220	33.86	1477.02	1477.03	.01
184.91	186.24	6.200	33.90	1477.06	1477.05	.00
189.89	191.26	6.230	33.79	1477.13	1477.14	.01
194.87	196.27	6.181	33.95	1477.21	1477.20	.00
199.84	201.28	6.181	33.97	1477.32	1477.31	-.01
204.81	206.28	6.171	33.90	1477.28	1477.29	.01
209.77	211.28	6.044	34.10	1477.09	1477.09	.00
214.73	216.27	6.024	33.97	1476.94	1476.95	.01
220.23	221.82	5.995	33.96	1476.91	1476.92	.01
225.18	226.80	5.927	34.00	1476.76	1476.75	-.01
230.12	231.78	5.878	33.99	1476.64	1476.65	.01
235.07	236.76	5.858	34.06	1476.72	1476.71	-.01
240.00	241.73	5.770	34.16	1476.57	1476.57	.00
244.93	246.70	5.780	33.93	1476.42	1476.42	.01
249.86	251.66	5.575	34.05	1475.82	1475.81	-.01
254.79	256.62	5.507	34.02	1475.59	1475.60	.01
260.25	262.13	5.409	34.12	1475.40	1475.40	-.01
265.17	267.08	5.311	34.06	1475.03	1475.03	.00
270.08	272.02	5.321	33.97	1475.03	1475.04	.01
274.99	276.97	5.292	34.07	1475.10	1475.10	.00

279.89	281.90	5.272	34.00	1475.03	1475.04	.01
284.79	286.84	5.126	34.29	1474.88	1474.87	-.01
290.23	292.31	5.136	34.06	1474.73	1474.73	.00
295.11	297.24	5.106	34.04	1474.65	1474.66	.01
300.00	302.16	5.038	34.12	1474.54	1474.54	.00
304.88	307.08	4.989	34.08	1474.39	1474.39	.00
309.76	311.99	4.979	34.02	1474.35	1474.36	.00
315.17	317.44	4.950	34.08	1474.39	1474.38	-.01
320.04	322.34	4.891	34.02	1474.17	1474.17	.00
324.90	327.24	4.852	34.10	1474.17	1474.16	.00
329.76	332.14	4.803	34.13	1474.09	1474.08	-.01
335.16	337.57	4.833	34.05	1474.20	1474.21	.01
340.01	342.46	4.833	33.98	1474.20	1474.20	.00
344.85	347.34	4.784	34.03	1474.13	1474.12	-.01
350.23	352.76	4.725	34.15	1474.13	1474.12	-.01
355.07	357.63	4.735	34.08	1475.18	1475.17	-.01
359.91	362.50	4.725	33.93	1474.02	1474.02	.01
364.73	367.36	4.686	34.09	1474.13	1474.12	-.01
370.09	372.76	4.618	34.15	1474.02	1474.01	-.01
374.92	377.61	4.628	33.93	1473.87	1473.87	.00
380.27	383.00	4.598	34.17	1474.13	1474.12	-.01
385.08	387.85	4.589	34.02	1473.98	1473.99	.01
389.88	392.69	4.510	34.13	1473.87	1473.86	-.01
395.22	398.07	4.520	34.05	1473.90	1473.91	.01
400.02	402.90	4.501	34.02	1473.87	1473.87	.01
404.81	407.73	4.471	34.04	1473.83	1473.83	.00
410.13	413.09	4.383	34.19	1473.75	1473.74	-.01
414.92	417.91	4.325	34.23	1473.64	1473.63	-.01
420.23	423.26	4.364	34.03	1473.64	1473.65	.01
425.01	428.07	4.354	34.04	1473.68	1473.67	.00
429.78	432.87	4.295	34.14	1473.64	1473.64	-.01
435.08	438.21	4.295	34.25	1473.87	1473.86	.00
439.84	443.01	4.305	34.08	1473.79	1473.79	.00
445.13	448.33	4.286	34.18	1473.90	1473.90	.00
449.88	453.12	4.286	34.13	1473.94	1473.94	.00
455.16	458.44	4.237	34.24	1473.94	1473.94	.00
459.90	463.22	4.247	34.10	1473.90	1473.90	.00
465.17	468.52	4.295	33.88	1473.90	1473.91	.01
469.91	473.29	4.227	34.11	1473.98	1473.97	-.01
475.17	478.59	4.149	34.27	1473.94	1473.94	.00
479.89	483.35	4.188	34.13	1474.02	1474.03	.01
485.14	488.63	4.149	34.23	1474.05	1474.05	.00
489.86	493.39	4.149	34.18	1474.09	1474.09	.00
495.10	498.66	4.100	34.29	1474.09	1474.09	.00
499.81	503.41	4.168	34.02	1474.13	1474.13	.00
505.04	508.67	4.120	34.15	1474.17	1474.16	-.01
510.26	513.93	4.129	34.08	1474.20	1474.21	.01
514.96	518.66	4.071	34.21	1474.20	1474.19	-.01
520.17	523.91	4.071	34.17	1474.24	1474.25	.01
524.86	528.63	4.081	34.10	1474.28	1474.28	.00
530.06	533.88	4.042	34.17	1474.28	1474.27	-.01
535.26	539.11	4.022	34.16	1474.28	1474.28	.00
539.93	543.82	4.042	34.07	1474.32	1474.33	.01
545.12	549.04	4.012	34.17	1474.39	1474.39	.00
549.78	553.74	4.002	34.13	1474.39	1474.40	.01
554.96	558.96	3.993	34.16	1474.47	1474.46	-.01
560.13	564.17	3.954	34.22	1474.47	1474.46	-.01
564.79	568.85	3.954	34.21	1474.54	1474.55	.01
569.95	574.05	3.963	34.14	1474.58	1474.58	.00
575.11	579.25	3.915	34.27	1474.62	1474.61	-.01
579.74	583.92	3.924	34.20	1474.65	1474.65	.00
584.89	589.10	3.934	34.13	1474.69	1474.69	.00
590.04	594.28	3.856	34.39	1474.77	1474.76	-.01
595.17	599.46	3.895	34.22	1474.80	1474.81	.01
599.79	604.11	3.885	34.26	1474.88	1474.87	.00
604.92	609.28	3.836	34.59	1475.18	1475.18	.00

610.04	614.44	3.856	34.24	1474.92	1474.92	.00
615.16	619.59	3.827	34.34	1474.99	1474.99	.00
619.76	624.22	3.846	34.21	1474.99	1475.00	.01
624.87	629.37	3.817	34.31	1475.07	1475.06	.00
629.97	634.51	3.797	34.30	1475.07	1475.08	.01
635.07	639.64	3.778	34.36	1475.14	1475.13	-.01
640.16	644.77	3.797	34.31	1475.25	1475.26	.01
645.25	649.89	3.817	34.15	1475.22	1475.22	.00
649.82	654.50	3.778	34.26	1475.25	1475.25	-.01
654.90	659.61	3.778	34.24	1475.33	1475.33	.00
659.97	664.72	3.700	34.44	1475.33	1475.32	-.01
665.04	669.82	3.778	34.17	1475.40	1475.41	.00
670.10	674.92	3.709	34.40	1475.48	1475.47	-.01
675.15	680.01	3.778	34.16	1475.55	1475.56	.01
680.20	685.10	3.670	34.46	1475.55	1475.55	.00
685.25	690.18	3.690	34.32	1475.55	1475.56	.01
689.79	694.75	3.651	34.43	1475.59	1475.59	.00
694.82	699.82	3.700	34.25	1475.67	1475.67	.01
699.85	704.89	3.641	34.39	1475.67	1475.66	.00
704.88	709.95	3.661	34.33	1475.78	1475.78	.00
709.90	715.01	3.641	34.40	1475.85	1475.84	-.01
714.91	720.06	3.651	34.36	1475.93	1475.94	.01
719.92	725.11	3.592	34.50	1475.93	1475.93	.00
724.93	730.15	3.631	34.51	1476.19	1476.19	.00
729.93	735.18	3.621	34.32	1476.00	1476.01	.01
734.92	740.21	3.563	34.51	1476.08	1476.07	-.01
739.91	745.24	3.573	34.41	1476.08	1476.09	.01
744.89	750.26	3.563	34.45	1476.15	1476.15	.00
749.87	755.27	3.573	34.37	1476.19	1476.20	.01
754.84	760.28	3.553	34.38	1476.19	1476.19	-.01
759.81	765.28	3.485	34.63	1476.30	1476.30	.00
764.78	770.28	3.543	34.45	1476.42	1476.42	.01
770.23	775.77	3.514	34.49	1476.42	1476.42	.00
775.18	780.76	3.485	34.57	1476.49	1476.48	-.01
780.13	785.74	3.524	34.35	1476.46	1476.47	.01
785.07	790.72	3.436	34.61	1476.49	1476.49	-.01
790.01	795.69	3.465	34.50	1476.57	1476.58	.01
794.94	800.66	3.485	34.37	1476.57	1476.57	.00
799.86	805.62	3.416	34.60	1476.64	1476.63	-.01
804.78	810.58	3.446	34.52	1476.76	1476.77	.01
810.19	816.02	3.436	34.45	1476.72	1476.72	.00
815.10	820.97	3.436	34.42	1476.76	1476.76	.01
820.00	825.91	3.436	34.57	1477.02	1477.01	-.01
824.90	830.84	3.426	34.47	1476.94	1476.95	.00
829.80	835.77	3.397	34.57	1477.02	1477.01	-.01
835.18	841.19	3.397	34.55	1477.09	1477.10	.00
840.06	846.11	3.416	34.46	1477.13	1477.14	.01
844.94	851.02	3.426	34.42	1477.21	1477.21	.01
849.81	855.93	3.377	34.53	1477.21	1477.20	.00
855.16	861.32	3.377	34.51	1477.28	1477.29	.01
860.03	866.22	3.377	34.47	1477.32	1477.32	.00
864.88	871.11	3.407	34.40	1477.43	1477.44	.00
870.22	876.49	3.397	34.41	1477.47	1477.47	.00

XSVT PROBE #000630

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.158	32.11	1503.88	1503.87	.00
10.26	10.34	15.138	32.29	1504.11	1504.10	-.01
14.82	14.92	15.158	32.26	1504.23	1504.23	.00
19.94	20.08	15.040	32.49	1504.19	1504.18	.00
25.06	25.24	15.050	32.52	1504.34	1504.33	-.01
30.17	30.39	15.089	32.37	1504.38	1504.39	.01
35.28	35.53	14.874	32.39	1503.80	1503.79	-.01
39.81	40.10	12.295	32.29	1495.23	1495.23	.00
44.92	45.24	11.162	32.92	1492.11	1492.11	.00
50.01	50.37	10.586	32.75	1489.96	1489.97	.01
55.10	55.50	10.020	32.72	1487.97	1487.98	.01
60.19	60.62	9.775	32.83	1487.29	1487.29	.00
65.28	65.75	9.512	32.82	1486.41	1486.42	.01
69.79	70.29	9.033	33.00	1484.93	1484.92	.00
74.87	75.41	8.720	32.88	1483.71	1483.72	.01
79.93	80.51	8.515	*****	1405.35	1476.87	.01
85.00	85.61	8.242	*****	1405.35	1474.82	.01
90.06	90.71	7.958	*****	1405.35	1473.80	.01
95.12	95.81	7.812	*****	1405.35	1473.32	.01
100.18	100.90	7.519	*****	1405.35	1472.26	.01
105.23	105.98	7.226	*****	1405.35	1471.19	.01
110.27	111.07	7.148	*****	1405.35	1470.96	.01
114.76	115.58	6.943	*****	1405.35	1470.22	.01
119.79	120.66	6.786	*****	1405.35	1469.68	.01
124.83	125.73	6.708	*****	1405.35	1469.45	.01
129.86	130.79	6.601	*****	1405.35	1469.10	.01
134.88	135.85	6.493	*****	1405.35	1468.75	.01
139.90	140.91	6.464	*****	1405.35	1468.72	.01

XSVT PROBE #000631

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.167	32.12	1503.91	1503.91	.00
10.26	10.34	15.109	32.37	1504.11	1504.10	-.01
14.82	14.92	15.099	32.43	1504.23	1504.22	-.01
19.94	20.08	15.158	32.32	1504.38	1504.38	.00
25.06	25.24	15.138	32.38	1504.46	1504.45	-.01
30.17	30.39	15.099	32.45	1504.50	1504.49	-.01
35.28	35.53	15.089	32.43	1504.54	1504.55	.01
39.81	40.10	13.995	32.36	1500.99	1501.01	.01
44.92	45.24	11.709	32.60	1493.65	1493.64	-.01
50.01	50.37	11.006	32.82	1491.53	1491.52	-.01
55.10	55.50	10.283	32.60	1488.78	1488.79	.01
60.19	60.62	9.932	32.73	1487.75	1487.73	-.01
65.28	65.75	9.512	32.92	1486.52	1486.52	-.01
69.79	70.29	9.492	32.60	1486.14	1486.15	.01
74.87	75.41	8.886	32.69	1484.09	1484.08	-.01
79.94	80.51	8.623	32.72	1483.22	1483.21	.00
85.01	85.62	8.505	32.41	1482.50	1482.50	.00
90.07	90.72	8.134	32.70	1481.51	1481.51	.00
95.13	95.81	7.958	32.71	1480.94	1480.94	-.01
100.18	100.90	7.744	32.76	1480.26	1480.26	.00
105.23	105.99	7.685	32.07	1479.28	1479.29	.01
110.28	111.07	7.284	32.92	1478.87	1478.85	-.01
114.76	115.59	7.148	32.80	1478.26	1478.27	.01
119.80	120.66	6.962	32.84	1477.66	1477.66	.00
124.83	125.73	6.816	33.17	1477.58	1477.58	.00
129.86	130.80	6.737	33.23	1477.43	1477.43	.00
134.89	135.86	6.708	33.06	1477.21	1477.21	.00
139.91	140.92	6.523	33.44	1477.02	1477.02	.00
144.93	145.97	6.474	33.50	1476.98	1476.98	.00
149.94	151.02	6.474	33.42	1476.98	1476.99	.00
154.95	156.06	6.396	33.58	1476.94	1476.94	-.01
159.95	161.11	6.366	33.61	1476.94	1476.94	-.01
164.95	166.14	6.317	33.73	1476.98	1476.98	-.01
169.95	171.17	6.298	33.69	1476.94	1476.96	.01
174.94	176.20	6.308	33.62	1476.98	1476.99	.01
179.93	181.23	6.278	33.66	1476.98	1476.98	.00
184.91	186.24	6.249	33.71	1477.02	1477.01	-.01
189.89	191.26	6.230	33.80	1477.13	1477.13	-.01
194.87	196.27	6.230	33.78	1477.21	1477.21	.00
199.84	201.28	6.249	33.66	1477.21	1477.21	.01
204.81	206.28	6.171	33.85	1477.21	1477.20	-.01
209.77	211.28	6.093	33.81	1476.94	1476.95	.00
214.73	216.27	6.015	33.86	1476.76	1476.75	.00
220.23	221.82	6.034	33.72	1476.76	1476.77	.01
225.18	226.80	5.976	33.75	1476.64	1476.63	-.01
230.12	231.78	6.024	33.44	1476.53	1476.54	.01
235.07	236.76	5.907	33.70	1476.46	1476.45	.00
240.00	241.73	5.868	33.54	1476.19	1476.20	.01
244.93	246.70	5.839	33.58	1476.19	1476.19	.00
249.86	251.66	5.643	34.04	1476.08	1476.07	-.01
254.79	256.62	5.604	33.56	1475.40	1475.41	.01
260.25	262.13	5.458	33.73	1475.10	1475.10	.00
265.17	267.08	5.761	32.54	1474.92	1474.92	.00
270.08	272.02	6.864	28.98	1474.92	1474.92	.01
274.99	276.97	6.005	31.62	1474.88	1474.87	.00

279.89	281.90	5.829	31.94	1474.65	1474.65	.00
284.79	286.84	5.712	32.25	1474.65	1474.65	.00
290.23	292.31	5.546	32.62	1474.54	1474.54	.00
295.11	297.24	5.595	32.21	1474.32	1474.32	.01
300.00	302.15	5.497	32.44	1474.28	1474.27	-.01
304.88	307.08	5.341	32.88	1474.28	1474.28	.00
309.76	311.99	5.389	32.56	1474.17	1474.17	.01
315.17	317.44	5.321	32.63	1474.05	1474.05	-.01
320.04	322.34	5.380	32.34	1474.02	1474.02	.01
324.90	327.24	5.350	32.47	1474.13	1474.12	-.01
329.76	332.14	5.263	32.66	1474.09	1474.09	.00
335.16	337.57	5.253	32.52	1473.98	1473.98	.00
340.01	342.46	6.444	28.74	1474.09	1474.09	.00
344.85	347.34	5.487	31.60	1473.90	1473.90	.00
350.23	352.76	5.282	32.24	1473.98	1473.97	-.01
355.07	357.63	5.253	32.21	1473.90	1473.92	.01
359.91	362.50	5.214	32.31	1473.94	1473.94	.00
364.73	367.36	5.194	32.30	1473.94	1473.95	.01
370.09	372.76	5.136	32.40	1473.90	1473.90	.00
374.92	377.61	5.028	32.65	1473.87	1473.85	-.01
380.27	383.00	4.999	32.64	1473.83	1473.84	.01
385.08	387.85	4.950	32.77	1473.87	1473.85	-.01
389.88	392.69	4.872	32.90	1473.79	1473.78	-.01
395.22	398.07	4.842	32.93	1473.79	1473.78	-.01
400.02	402.90	4.813	33.02	1473.87	1473.86	-.01
404.81	407.73	4.774	32.90	1473.64	1473.65	.01
410.13	413.09	4.667	33.13	1473.57	1473.56	-.01
414.92	417.91	4.618	33.07	1473.38	1473.39	.01
420.23	423.26	4.676	32.93	1473.53	1473.53	.00
425.01	428.07	4.647	32.88	1473.42	1473.43	.01
429.78	432.87	4.579	33.22	1473.64	1473.63	-.01
435.08	438.21	4.637	32.98	1473.68	1473.68	.00
439.84	443.01	4.676	32.91	1473.83	1473.83	.00
445.13	448.33	4.598	33.11	1473.83	1473.82	.00
449.88	453.12	4.667	32.87	1473.90	1473.91	.00
455.16	458.44	4.510	33.29	1473.87	1473.85	-.01
459.90	463.22	4.413	33.52	1473.83	1473.82	.00
465.17	468.52	4.520	33.12	1473.87	1473.87	.00
469.91	473.29	4.452	33.29	1473.87	1473.86	-.01
475.17	478.59	4.442	33.28	1473.90	1473.91	.01
479.89	483.35	4.452	33.18	1473.90	1473.91	.00
485.14	488.63	4.442	33.12	1473.87	1473.87	.01
489.86	493.39	4.383	33.29	1473.90	1473.90	-.01
495.10	498.66	4.344	33.38	1473.94	1473.94	.00
499.81	503.41	4.325	33.44	1474.02	1474.01	.00
505.04	508.67	4.364	33.23	1474.02	1474.02	.00
510.26	513.93	4.295	33.46	1474.09	1474.08	-.01
514.96	518.66	4.286	33.42	1474.09	1474.10	.01
520.17	523.91	4.364	33.10	1474.09	1474.10	.01
524.86	528.63	4.247	33.43	1474.09	1474.09	.00
530.06	533.88	4.227	33.48	1474.17	1474.16	-.01
535.26	539.11	4.266	33.34	1474.24	1474.25	.01
539.93	543.82	4.237	33.38	1474.24	1474.23	-.01
545.12	549.04	4.208	33.44	1474.28	1474.27	-.01
549.78	553.74	4.159	33.57	1474.32	1474.31	-.01
554.96	558.96	4.149	33.50	1474.28	1474.29	.01
560.13	564.17	4.178	33.42	1474.39	1474.39	.00
564.79	568.85	4.129	33.53	1474.39	1474.38	-.01
569.95	574.05	4.149	33.45	1474.47	1474.47	.00
575.11	579.25	4.139	33.54	1474.62	1474.60	-.01
579.74	583.92	4.090	33.59	1474.54	1474.54	.00
584.89	589.10	4.081	33.57	1474.58	1474.59	.01
590.04	594.28	4.100	33.53	1474.69	1474.70	.01
595.17	599.46	4.071	33.60	1474.73	1474.73	.00
599.79	604.11	4.081	33.49	1474.73	1474.73	.00
604.92	609.28	3.983	33.76	1474.73	1474.72	.00

610.04	614.44	4.081	33.42	1474.80	1474.81	.00
615.16	619.59	4.022	33.56	1474.80	1474.80	.00
619.76	624.22	3.963	33.75	1474.88	1474.87	-.01
624.87	629.37	4.032	33.48	1474.92	1474.92	.01
629.97	634.51	4.305	32.61	1475.03	1475.03	.00
635.07	639.64	4.090	33.37	1475.18	1475.17	-.01
640.16	644.77	3.983	33.57	1475.07	1475.06	-.01
645.25	649.89	3.993	33.55	1475.18	1475.19	.01
649.82	654.50	4.002	33.46	1475.18	1475.18	.00
654.90	659.61	3.934	33.71	1475.29	1475.28	-.01
659.97	664.72	3.924	33.67	1475.29	1475.29	.00
665.04	669.82	3.915	33.76	1475.44	1475.43	-.01
670.10	674.92	3.954	33.53	1475.40	1475.41	.00
675.15	680.01	3.905	33.67	1475.44	1475.44	.00
680.20	685.10	3.915	33.56	1475.44	1475.45	.01
685.25	690.18	3.868	33.72	1475.52	1475.51	-.01
689.79	694.75	3.915	33.50	1475.52	1475.53	.01
694.82	699.82	3.827	33.82	1475.63	1475.63	.00
699.85	704.89	3.885	33.58	1475.67	1475.67	.00
704.88	709.95	3.817	33.78	1475.70	1475.70	.00
709.90	715.01	3.846	33.61	1475.70	1475.71	.01
714.91	720.06	3.768	33.81	1475.70	1475.70	-.01
719.92	725.11	3.817	33.60	1475.74	1475.74	.00
724.93	730.15	3.709	34.05	1475.93	1475.92	.00
729.93	735.18	3.778	33.72	1475.89	1475.90	.01
734.92	740.21	3.748	33.79	1475.93	1475.92	-.01
739.91	745.24	3.748	33.82	1476.04	1476.04	.00
744.89	750.26	3.768	33.77	1476.15	1476.17	.01
749.87	755.27	3.719	33.84	1476.12	1476.11	-.01
754.84	760.28	3.768	33.67	1476.19	1476.20	.01
759.81	765.28	3.700	33.89	1476.27	1476.26	-.01
764.78	770.28	3.690	33.92	1476.34	1476.33	-.01
770.23	775.77	3.680	33.90	1476.38	1476.38	.00
775.18	780.76	3.680	33.84	1476.38	1476.39	.01
780.13	785.74	3.680	33.81	1476.42	1476.43	.01
785.07	790.72	3.670	33.80	1476.46	1476.46	.00
790.01	795.69	3.673	34.10	1476.49	1476.49	.00
794.94	800.66	3.612	33.98	1476.61	1476.61	.00
799.86	805.62	3.612	33.89	1476.57	1476.57	.00
804.78	810.58	3.602	33.96	1476.68	1476.68	-.01
810.19	816.02	3.709	33.53	1476.68	1476.69	.01
815.10	820.97	3.836	33.17	1476.83	1476.84	.01
820.00	825.91	3.758	33.43	1476.91	1476.90	-.01
824.90	830.84	3.670	33.65	1476.91	1476.89	-.01
829.80	835.77	3.621	33.75	1476.91	1476.90	-.01
835.18	841.19	3.612	33.80	1477.02	1477.01	-.01
840.06	846.11	3.602	33.79	1477.06	1477.06	.01
844.94	851.02	3.563	33.95	1477.17	1477.16	-.01
849.81	855.93	3.641	33.65	1477.21	1477.21	.00
855.16	861.32	3.866	32.91	1477.28	1477.29	.01
860.03	866.22	3.553	34.00	1477.43	1477.43	.00
864.88	871.11	3.553	33.87	1477.36	1477.37	.01
870.22	876.49	3.553	33.85	1477.43	1477.43	.00

XSVT PROBE #000632

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.148	32.14	1503.88	1503.87	.00
10.26	10.34	15.138	32.29	1504.11	1504.10	-.01
14.82	14.92	15.177	32.18	1504.19	1504.20	.01
19.94	20.08	15.128	32.38	1504.34	1504.33	-.01
25.06	25.24	15.109	32.40	1504.38	1504.38	.00
30.17	30.39	15.050	32.58	1504.50	1504.49	-.01
35.28	35.53	15.060	32.41	1504.42	1504.43	.01
39.81	40.10	15.050	32.34	1504.38	1504.39	.01
44.92	45.24	12.100	32.37	1494.73	1494.71	-.01
50.01	50.37	11.133	32.74	1491.88	1491.88	.00
55.10	55.50	10.645	32.63	1490.12	1490.12	.00
60.19	60.62	10.107	32.75	1488.39	1488.39	.00
65.28	65.75	9.853	32.87	1487.71	1487.70	-.01
69.79	70.29	9.424	32.88	1486.22	1486.22	.00
74.87	75.41	8.926	32.84	1484.43	1484.44	.00
79.94	80.51	8.662	34.60	1485.69	1485.68	-.01
85.01	85.62	8.330	32.98	1482.53	1482.54	.01
90.07	90.72	8.144	32.90	1481.81	1481.82	.01
95.13	95.81	7.949	32.92	1481.17	1481.16	-.01
100.18	100.90	7.617	32.94	1480.00	1480.00	.00
105.23	105.99	7.392	33.02	1479.32	1479.31	.00
110.28	111.07	7.245	33.08	1478.90	1478.90	.00
114.76	115.59	7.050	33.11	1478.26	1478.26	-.01
119.80	120.66	6.855	33.23	1477.73	1477.73	-.01
124.83	125.73	6.737	33.32	1477.47	1477.46	-.01
129.86	130.80	6.630	33.38	1477.21	1477.20	-.01
134.89	135.86	6.542	33.37	1476.94	1476.95	.00
139.91	140.92	6.435	33.60	1476.87	1476.87	.00
144.93	145.97	6.405	33.65	1476.91	1476.90	-.01
149.94	151.02	6.386	33.58	1476.83	1476.84	.01
154.95	156.06	6.317	33.80	1476.91	1476.90	-.01
159.95	161.11	6.317	33.73	1476.91	1476.92	.01
164.95	166.14	6.220	33.98	1476.91	1476.91	.00
169.95	171.17	6.220	33.96	1476.98	1476.99	.01
174.94	176.20	6.239	33.81	1476.94	1476.96	.01
179.93	181.23	6.171	34.05	1477.06	1477.04	-.01
184.91	186.24	6.200	33.86	1477.02	1477.03	.01
189.89	191.26	6.210	33.89	1477.17	1477.16	-.01
194.87	196.27	6.181	34.13	1477.43	1477.43	.00
199.84	201.28	6.132	34.03	1477.21	1477.22	.01
204.81	206.28	6.161	33.84	1477.17	1477.17	.00
209.77	211.28	6.063	33.98	1477.02	1477.02	.00
214.73	216.27	5.946	34.16	1476.87	1476.86	-.01
220.23	221.82	5.976	33.87	1476.72	1476.73	.01
225.18	226.80	5.868	34.04	1476.57	1476.57	.00
230.12	231.78	5.819	34.03	1476.46	1476.46	.01
235.07	236.76	5.761	33.94	1476.19	1476.20	.01
240.00	241.73	5.722	34.01	1476.19	1476.19	-.01
244.93	246.70	5.634	34.02	1475.93	1475.93	.00
249.86	251.66	5.487	34.04	1475.44	1475.44	.00
254.79	256.62	5.429	33.97	1475.22	1475.22	.01
260.25	262.13	5.419	33.84	1475.10	1475.11	.00
265.17	267.08	5.311	33.99	1474.92	1474.91	.00
270.08	272.02	5.331	33.82	1474.88	1474.89	.01
274.99	276.97	5.263	34.01	1474.92	1474.91	-.01

279.89	281.90	5.214	33.95	1474.73	1474.74	.01
284.79	286.84	5.175	33.99	1474.69	1474.68	-.01
290.23	292.31	5.106	34.08	1474.62	1474.61	-.01
295.11	297.24	5.048	34.02	1474.39	1474.40	.01
300.00	302.16	4.999	33.94	1474.17	1474.18	.01
304.88	307.08	4.950	33.98	1474.09	1474.08	-.01
309.76	311.99	4.911	34.04	1474.09	1474.08	-.01
315.17	317.44	4.862	34.00	1473.94	1473.94	.00
320.04	322.34	4.882	33.97	1474.05	1474.07	.01
324.90	327.24	4.872	34.06	1474.20	1474.19	-.01
329.76	332.14	4.882	33.93	1474.17	1474.17	.01
335.16	337.57	4.842	33.94	1474.09	1474.09	-.01
340.01	342.46	4.774	34.04	1474.02	1474.01	.00
344.85	347.34	4.706	34.28	1474.13	1474.12	-.01
350.23	352.76	4.696	34.03	1473.87	1473.87	.01
355.07	357.63	4.725	33.90	1473.90	1473.91	.00
359.91	362.50	4.696	33.97	1473.94	1473.93	-.01
364.73	367.36	4.647	34.04	1473.90	1473.90	-.01
370.09	372.76	4.608	34.10	1473.90	1473.90	.00
374.92	377.61	4.608	33.97	1473.83	1473.84	.01
380.27	383.00	4.589	33.96	1473.83	1473.84	.01
385.08	387.85	4.510	34.10	1473.75	1473.74	-.01
389.88	392.69	4.481	34.14	1473.75	1473.75	.00
395.22	398.07	4.432	34.10	1473.60	1473.61	.01
400.02	402.90	4.501	33.87	1473.68	1473.68	.00
404.81	407.73	4.422	34.02	1473.60	1473.60	.00
410.13	413.09	4.354	34.01	1473.42	1473.42	.00
414.92	417.91	4.305	34.09	1473.38	1473.37	-.01
420.23	423.26	4.286	34.08	1473.38	1473.39	.01
425.01	428.07	4.305	33.98	1473.42	1473.42	.00
429.78	432.87	4.315	34.02	1473.57	1473.56	.00
435.08	438.21	4.276	34.16	1473.68	1473.67	-.01
439.84	443.01	4.237	34.23	1473.68	1473.68	.00
445.13	448.33	4.256	34.18	1473.79	1473.80	.01
449.88	453.12	4.276	34.08	1473.83	1473.84	.01
455.16	458.44	4.237	34.02	1473.68	1473.68	.00
459.90	463.22	4.256	33.99	1473.79	1473.80	.01
465.17	468.52	4.188	34.24	1473.90	1473.90	.00
469.91	473.29	4.139	34.31	1473.83	1473.82	-.01
475.17	478.59	4.159	34.16	1473.87	1473.87	.00
479.89	483.35	4.168	34.07	1473.87	1473.87	.00
485.14	488.63	4.100	34.24	1473.87	1473.86	.00
489.86	493.39	4.100	34.20	1473.90	1473.91	.01
495.10	498.66	4.149	33.97	1473.90	1473.91	.00
499.81	503.41	4.100	34.14	1473.98	1473.97	.00
505.04	508.67	4.071	34.19	1474.02	1474.00	-.01
510.26	513.93	4.081	34.06	1473.98	1473.99	.01
514.96	518.66	4.042	34.08	1473.90	1473.90	.00
520.17	523.91	4.032	34.13	1474.02	1474.01	-.00
524.86	528.63	4.012	34.22	1474.13	1474.12	-.01
530.06	533.88	4.012	34.17	1474.17	1474.17	.00
535.26	539.11	3.963	34.28	1474.17	1474.16	.00
539.93	543.82	3.973	34.17	1474.17	1474.17	.00
545.12	549.04	4.002	34.13	1474.32	1474.32	.01
549.78	553.74	3.973	34.15	1474.28	1474.28	.00
554.96	558.96	3.885	34.34	1474.24	1474.24	.00
560.13	564.17	3.915	34.28	1474.39	1474.40	.01
564.79	568.85	3.934	34.16	1474.39	1474.40	.01
569.95	574.05	3.885	34.26	1474.39	1474.38	-.01
575.11	579.25	3.866	34.29	1474.43	1474.43	.00
579.74	583.92	3.905	34.12	1474.47	1474.47	.01
584.89	589.10	3.875	34.19	1474.50	1474.50	-.01
590.04	594.28	3.827	34.28	1474.50	1474.49	-.01
595.17	599.46	3.827	34.21	1474.50	1474.51	.01
599.79	604.11	3.797	34.34	1474.62	1474.61	-.01
604.92	609.28	3.788	34.30	1474.62	1474.63	.01

610.04	614.44	3.848	34.07	1474.83	1474.86	.01
615.16	619.59	3.748	34.42	1474.77	1474.76	-.01
619.76	624.22	3.797	34.19	1474.77	1474.77	.00
624.87	629.37	3.817	34.15	1474.88	1474.88	.01
629.97	634.51	3.788	34.22	1474.92	1474.91	.00
635.07	639.64	3.788	34.20	1474.99	1474.99	.00
640.16	644.77	3.758	34.27	1475.03	1475.02	-.01
645.25	649.89	3.748	34.23	1475.03	1475.03	.00
649.82	654.50	3.739	34.27	1475.10	1475.10	-.01
654.90	659.61	3.709	34.36	1475.18	1475.17	-.01
659.97	664.72	3.739	34.19	1475.18	1475.19	.01
665.04	669.82	3.670	34.39	1475.22	1475.21	.00
670.10	674.92	3.709	34.24	1475.29	1475.29	.00
675.15	680.01	3.661	34.40	1475.37	1475.35	-.01
680.20	685.10	3.690	34.29	1475.44	1475.44	.00
685.25	690.18	3.651	34.37	1475.44	1475.44	.00
689.79	694.75	3.690	34.23	1475.52	1475.52	.01
694.82	699.82	3.631	34.40	1475.55	1475.55	.00
699.85	704.89	3.651	34.32	1475.63	1475.64	.01
704.88	709.95	3.602	34.39	1475.59	1475.58	-.01
709.90	715.01	3.651	34.22	1475.67	1475.68	.01
714.91	720.06	3.573	34.48	1475.74	1475.74	.00
719.92	725.11	3.621	34.22	1475.70	1475.72	.01
724.93	730.15	3.563	34.41	1475.78	1475.77	-.01
729.93	735.18	3.582	34.30	1475.82	1475.82	.00
734.92	740.21	3.553	34.40	1475.89	1475.88	-.01
739.91	745.24	3.553	34.39	1475.97	1475.98	.01
744.89	750.26	3.573	34.31	1476.04	1476.04	.00
749.87	755.27	3.514	34.48	1476.08	1476.07	-.01
754.84	760.28	3.495	34.44	1476.04	1476.04	.00
759.81	765.28	3.514	34.43	1476.19	1476.19	.00
764.78	770.28	3.524	34.37	1476.23	1476.24	.01
770.23	775.77	3.495	35.19	1477.25	1477.24	.00
775.18	780.76	3.485	34.48	1476.38	1476.39	.01
780.13	785.74	3.524	34.23	1476.30	1476.31	.01
785.07	790.72	3.475	34.42	1476.42	1476.41	-.01
790.01	795.69	3.475	34.48	1476.57	1476.57	.00
794.94	800.66	3.495	34.25	1476.46	1476.46	.01
799.86	805.62	3.436	34.51	1476.61	1476.60	.00
804.78	810.58	3.397	34.54	1476.57	1476.56	-.01
810.19	816.02	3.436	34.42	1476.68	1476.68	.00
815.10	820.97	3.426	34.39	1476.68	1476.68	.00
820.00	825.91	3.368	34.65	1476.83	1476.83	.00
824.90	830.84	3.426	34.38	1476.83	1476.83	.00
829.80	835.77	3.407	34.51	1476.98	1476.97	-.01
835.18	841.19	3.358	34.57	1476.94	1476.93	-.01
840.06	846.11	3.407	34.43	1477.06	1477.07	.01
844.94	851.02	3.309	34.67	1477.02	1477.02	.00
849.81	855.93	3.368	34.52	1477.17	1477.18	.01
855.16	861.32	3.338	34.56	1477.17	1477.17	.00
860.03	866.22	3.368	34.42	1477.21	1477.22	.01
864.88	871.11	3.377	34.38	1477.28	1477.28	.00
870.22	876.49	3.387	34.34	1477.36	1477.36	.01

XSVT PROBE #0000633

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.265	32.02	1504.11	1504.11	.00
10.26	10.34	15.216	32.18	1504.23	1504.22	.00
14.82	14.92	15.187	32.33	1504.38	1504.38	.00
19.94	20.08	15.187	32.39	1504.54	1504.53	-.01
25.06	25.24	15.167	32.36	1504.54	1504.54	.00
30.17	30.39	15.148	32.42	1504.62	1504.61	.00
35.28	35.53	15.079	32.57	1504.66	1504.65	.00
39.81	40.10	15.060	*****	1405.35	1498.87	.00
44.91	45.23	12.335	*****	1405.35	1489.14	.00
50.01	50.37	11.201	*****	1405.35	1485.23	.00
55.10	55.50	10.674	*****	1405.35	1483.41	.00
60.19	60.62	10.205	*****	1405.35	1481.79	.00
65.27	65.74	9.844	*****	1405.35	1480.54	.00
69.79	70.29	9.473	*****	1405.35	1479.24	.00
74.86	75.40	9.033	*****	1405.35	1477.67	.00
79.93	80.51	8.632	*****	1405.35	1476.23	.00
85.00	85.61	8.408	*****	1405.35	1475.45	.00
90.06	90.71	8.144	*****	1405.35	1474.52	.00
95.12	95.81	8.076	*****	1405.35	1474.34	.00

XSVT PROBE #000599

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.236	31.82	1503.80	1503.81	.01
10.26	10.34	15.236	32.02	1504.11	1504.10	-.01
14.82	14.92	15.197	32.17	1504.23	1504.23	.00
19.94	20.08	15.197	32.19	1504.34	1504.33	-.01
25.06	25.24	15.158	32.29	1504.42	1504.41	-.01
30.17	30.39	15.158	32.32	1504.54	1504.53	-.01
35.28	35.53	15.167	32.28	1504.62	1504.62	.00
39.81	40.10	15.031	32.12	1504.07	1504.07	.00
44.92	45.24	13.429	32.33	1499.17	1499.16	-.01
50.01	50.37	11.573	32.18	1492.76	1492.77	.01
55.10	55.50	10.742	32.61	1490.42	1490.42	.00
60.19	60.62	10.225	32.54	1488.59	1488.59	.00
65.28	65.75	9.726	32.59	1486.91	1486.90	-.01
69.79	70.29	9.512	32.61	1486.22	1486.21	-.01
74.86	75.40	9.072	*****	1534.73	1490.81	-.01
79.93	80.51	8.535	*****	1560.17	1488.16	-.01
85.00	85.61	8.291	*****	1560.17	1487.33	-.01
90.06	90.71	7.636	*****	1560.17	1484.95	-.01
95.12	95.81	7.998	*****	1560.17	1486.40	-.01
100.18	100.90	7.675	*****	1507.63	1485.27	-.01
105.23	105.98	7.607	*****	1560.17	1485.09	-.01
110.27	111.07	7.480	*****	1560.17	1484.69	-.01
114.76	115.58	7.079	*****	1560.17	1483.23	-.01
119.79	120.66	6.982	*****	1560.17	1482.94	-.01
124.83	125.73	6.835	33.02	1477.47	1477.47	.00
129.86	130.80	6.747	33.05	1477.25	1477.24	.00
134.88	135.85	6.659	*****	1405.35	1470.73	.00
139.90	140.91	6.552	*****	1405.35	1469.07	.00
144.92	145.97	6.523	*****	1405.35	1469.04	.00
149.93	151.01	6.484	*****	1405.35	1468.96	.00
154.94	156.06	6.454	*****	1405.35	1468.92	.00
159.95	161.10	6.386	*****	1405.35	1468.73	.00

XSVT PROBE #000600

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.187	32.03	1503.88	1503.87	.00
10.26	10.34	15.206	32.04	1504.03	1504.03	.00
14.82	14.92	15.187	32.16	1504.19	1504.18	-.01
19.94	20.08	15.206	32.17	1504.34	1504.34	-.01
25.06	25.24	15.216	32.13	1504.42	1504.43	.01
30.17	30.39	15.158	32.26	1504.46	1504.46	.00
35.28	35.53	15.177	32.12	1504.46	1504.46	.00
39.81	40.10	15.158	32.19	1504.54	1504.54	.00
44.92	45.24	13.819	32.08	1500.18	1500.18	.00
50.01	50.37	11.797	32.09	1493.42	1493.42	.00
55.10	55.50	10.987	32.04	1490.61	1490.62	.01
60.19	60.62	10.586	31.38	1488.47	1488.48	.01
65.28	65.75	10.430	30.67	1487.13	1487.14	.01
69.79	70.29	10.283	30.32	1486.26	1486.26	.00
74.87	75.41	9.883	30.23	1484.77	1484.78	.00
79.94	80.51	9.639	30.29	1484.01	1484.01	.00
85.01	85.62	9.277	30.03	1482.46	1482.46	.00
90.07	90.72	9.101	30.14	1482.00	1482.00	.00
95.13	95.81	8.955	30.55	1482.04	1482.04	.00
100.18	100.90	8.554	30.13	1480.11	1480.12	.01
105.23	105.99	8.300	30.11	1479.21	1479.21	.01
110.28	111.07	8.525	28.98	1478.75	1478.76	.00
114.76	115.59	9.092	26.84	1478.34	1478.34	.01
119.80	120.66	9.248	25.92	1477.89	1477.89	.00
124.83	125.73	9.238	25.70	1477.66	1477.66	.00
129.86	130.80	9.326	25.18	1477.43	1477.44	.01
134.89	135.86	9.267	25.05	1477.13	1477.14	.01
139.91	140.92	9.209	25.01	1476.94	1476.95	.01
144.93	145.97	9.219	24.91	1476.94	1476.95	.01
149.94	151.02	9.316	24.54	1476.94	1476.95	.00
154.95	156.06	9.375	24.30	1476.94	1476.96	.01
159.95	161.11	9.316	24.42	1476.94	1476.94	-.01
164.95	166.14	9.336	24.25	1476.91	1476.91	.00
169.95	171.17	9.277	24.41	1476.94	1476.94	.00
174.94	176.20	9.258	24.39	1476.94	1476.95	.01
179.93	181.23	9.560	23.52	1477.09	1477.11	.01
184.91	186.24	9.902	22.46	1477.17	1477.18	.01
189.89	191.26	10.225	21.34	1477.09	1477.10	.01
194.87	196.27	10.547	20.28	1477.09	1477.09	.00
199.84	201.28	10.830	19.38	1477.13	1477.13	.00
204.81	206.28	11.123	18.45	1477.17	1477.17	.00
209.77	211.28	11.416	17.31	1476.94	1476.95	.01
214.73	216.27	11.758	16.08	1476.79	1476.81	.01
220.23	221.82	11.983	15.26	1476.72	1476.73	.01
225.18	226.80	11.983	15.13	1476.64	1476.65	.01
230.12	231.78	12.081	14.60	1476.46	1476.46	.00
235.07	236.76	12.120	14.20	1476.19	1476.20	.01
240.00	241.73	12.237	13.78	1476.19	1476.20	.01
244.93	246.70	12.042	14.22	1476.08	1476.08	.00
249.86	251.66	9.912	*****	1475.89	1474.30	.00
254.78	256.62	9.404	*****	1475.52	1482.00	.00
260.25	262.12	9.844	*****	1475.40	1483.73	.00
265.16	267.07	9.482	*****	1475.25	1482.46	.00
270.07	272.02	9.111	*****	1475.10	1481.15	.00
274.98	276.96	8.955	*****	1474.99	1480.64	.00

279.88	281.90	8.720	*****	1474.77	1479.83	.00
284.78	286.83	8.584	*****	1474.69	1479.39	.00
290.22	292.31	8.613	*****	1474.62	1479.59	.00
295.11	297.23	8.486	*****	1474.47	1479.19	.00
299.99	302.15	8.379	*****	1474.43	1478.86	.00
304.88	307.07	8.447	*****	1474.50	1479.20	.00
309.75	311.98	8.359	*****	1474.17	1478.94	.00
315.17	317.44	8.359	*****	1474.17	1479.03	.00

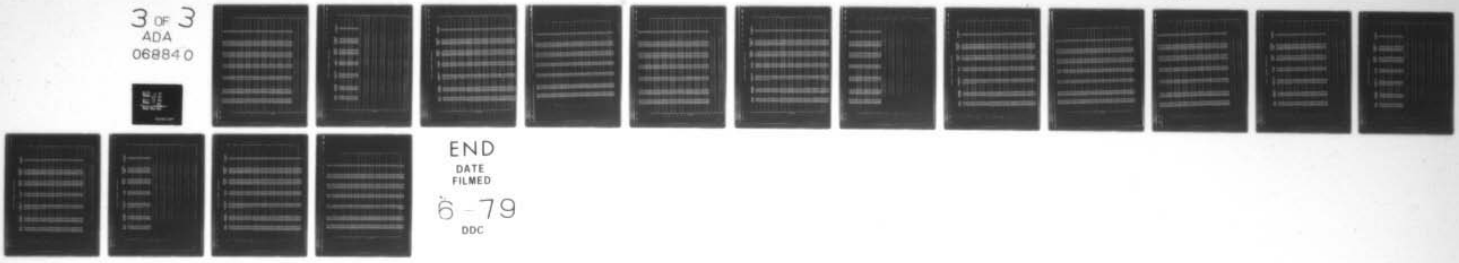
XSVT PROBE #000601

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.177	32.06	1503.88	1503.87	.00
10.26	10.34	15.167	32.14	1504.03	1504.02	-.01
14.82	14.92	15.167	32.21	1504.19	1504.18	-.01
19.94	20.08	15.128	32.32	1504.27	1504.27	.00
25.06	25.24	15.109	32.40	1504.38	1504.38	.00
30.17	30.39	15.128	32.33	1504.46	1504.47	.01
35.28	35.53	15.118	32.36	1504.54	1504.53	-.01
39.81	40.10	14.542	32.33	1502.75	1502.75	.00
44.92	45.24	13.194	32.47	1498.55	1498.54	-.01
50.01	50.37	11.114	32.67	1491.73	1491.72	.00
55.10	55.50	10.537	32.57	1489.66	1489.66	.01
60.19	60.62	10.107	32.62	1488.24	1488.24	-.01
65.28	65.75	9.668	32.54	1486.64	1486.65	.01
69.79	70.29	9.306	32.61	1485.46	1485.45	.00
74.87	75.41	9.004	32.57	1484.39	1484.39	.00
79.94	80.51	8.584	32.62	1482.95	1482.95	-.01
85.01	85.62	8.271	32.74	1482.00	1482.00	-.01
90.07	90.72	8.203	32.69	1481.78	1481.78	.01
95.13	95.81	7.900	32.74	1480.75	1480.75	.00
100.18	100.90	7.597	32.78	1479.73	1479.72	-.01
105.23	105.99	7.255	32.93	1478.68	1478.67	-.01
110.28	111.07	7.158	32.76	1478.19	1478.19	.00
114.76	115.59	7.001	32.96	1477.89	1477.88	-.01
119.80	120.66	6.855	33.14	1477.62	1477.61	-.01
124.83	125.73	6.816	32.98	1477.36	1477.37	.01
129.86	130.80	6.689	33.11	1477.09	1477.09	.00
134.89	135.86	6.542	33.38	1476.94	1476.93	-.01
139.91	140.92	6.484	33.44	1476.87	1476.86	-.01
144.93	145.97	6.435	33.50	1476.83	1476.83	-.01
149.94	151.02	6.396	33.59	1476.87	1476.87	.00
154.95	156.06	6.396	33.42	1476.76	1476.76	.00
159.95	161.11	6.317	33.68	1476.83	1476.83	.00
164.95	166.14	6.327	33.57	1476.83	1476.84	.01
169.95	171.17	6.337	33.50	1476.87	1476.87	.00
174.94	176.20	6.259	33.75	1476.94	1476.93	-.01
179.93	181.23	6.308	33.64	1477.09	1477.10	.00
184.91	186.24	6.210	33.69	1476.83	1476.83	.00
189.89	191.26	6.200	33.77	1476.98	1476.97	-.01
194.87	196.27	6.210	33.73	1477.06	1477.07	.01
199.84	201.28	6.161	33.67	1476.87	1476.88	.01
204.81	206.28	6.093	33.68	1476.68	1476.68	-.01
209.77	211.28	6.083	33.67	1476.72	1476.73	.01
214.73	216.27	6.005	33.86	1476.72	1476.71	.00
220.23	221.82	5.985	33.75	1476.61	1476.61	.01
225.18	226.80	5.956	33.69	1476.49	1476.50	.01
230.12	231.78	5.858	33.89	1476.42	1476.42	.00
235.07	236.76	5.858	33.78	1476.38	1476.38	.00
240.00	241.73	5.770	33.83	1476.15	1476.15	.00
244.93	246.70	5.722	33.76	1475.97	1475.98	.01
249.86	251.66	5.653	33.83	1475.85	1475.84	-.01
254.79	256.62	5.624	33.70	1475.67	1475.67	.00
260.25	262.13	5.497	33.84	1475.40	1475.40	-.01
265.17	267.08	5.458	33.74	1475.22	1475.22	.00
270.08	272.02	5.302	33.86	1474.80	1474.79	-.01
274.99	276.97	5.311	33.70	1474.73	1474.73	.01

279.89	281.90	5.272	33.71	1474.65	1474.64	-.01
284.79	286.84	5.194	33.90	1474.65	1474.65	-.01
290.23	292.31	5.155	33.74	1474.39	1474.40	.01
295.11	297.24	5.145	33.68	1474.35	1474.36	.01
300.00	302.16	5.087	33.72	1474.24	1474.23	-.01
304.88	307.08	5.009	33.76	1474.05	1474.04	-.01
309.76	311.99	4.979	33.83	1474.09	1474.09	.00
315.17	317.44	4.989	33.71	1474.09	1474.09	.00
320.04	322.34	4.950	33.82	1474.13	1474.13	.00
324.90	327.24	4.891	33.94	1474.13	1474.12	-.01
329.76	332.14	4.921	33.77	1474.13	1474.13	.00
335.16	337.57	4.901	33.81	1474.17	1474.16	.00
340.01	342.46	4.882	33.84	1474.20	1474.20	.00
344.85	347.34	4.862	33.80	1474.17	1474.17	.01
350.23	352.76	4.842	33.65	1473.98	1473.99	.01
355.07	357.63	4.794	33.78	1474.02	1474.01	.00
359.91	362.50	4.735	33.85	1473.94	1473.94	.00
364.73	367.36	4.686	33.76	1473.72	1473.72	.01
370.09	372.76	4.657	33.69	1473.60	1473.60	.00
374.92	377.61	4.647	33.64	1473.57	1473.58	.01
380.27	383.00	4.569	33.83	1473.57	1473.56	.00
385.08	387.85	4.520	33.90	1473.53	1473.53	.00
389.88	392.69	4.579	33.63	1473.53	1473.53	.00
395.22	398.07	4.579	33.57	1473.53	1473.54	.01
400.02	402.90	4.608	33.44	1473.57	1473.57	.01
404.81	407.73	4.530	33.64	1473.57	1473.56	-.01
410.13	413.09	4.452	33.77	1473.49	1473.49	.00
414.92	417.91	4.442	33.70	1473.45	1473.46	.01
420.23	423.26	4.422	33.73	1473.49	1473.48	-.01
425.01	428.07	4.471	33.59	1473.60	1473.61	.00
429.78	432.87	4.432	33.70	1473.64	1473.64	.00
435.08	438.21	4.335	33.94	1473.64	1473.63	-.01
439.84	443.01	4.383	33.72	1473.64	1473.65	.01
445.13	448.33	4.354	33.81	1473.72	1473.71	-.01
449.88	453.12	4.354	33.80	1473.79	1473.80	.01
455.16	458.44	4.344	33.73	1473.75	1473.76	.00
459.90	463.22	4.295	33.87	1473.79	1473.78	-.01
465.17	468.52	4.286	33.82	1473.79	1473.79	.00
469.91	473.29	4.276	33.79	1473.79	1473.79	.00
475.17	478.59	4.276	33.82	1473.90	1473.89	-.01
479.89	483.35	4.178	34.08	1473.90	1473.89	-.01
485.14	488.63	4.247	33.81	1473.94	1473.95	.01
489.86	493.39	4.247	33.78	1473.98	1473.99	.01
495.10	498.66	4.227	33.85	1474.05	1474.05	.00
499.81	503.41	4.208	33.93	1474.17	1474.15	-.01
505.04	508.67	4.188	33.89	1474.13	1474.13	.00
510.26	513.93	4.208	33.79	1474.17	1474.17	.01
514.96	518.66	4.168	33.87	1474.17	1474.16	-.01
520.17	523.91	4.139	33.90	1474.17	1474.16	.00
524.86	528.63	4.149	33.85	1474.24	1474.24	.00
530.06	533.88	4.100	33.90	1474.17	1474.16	.00
535.26	539.11	4.071	34.01	1474.28	1474.27	-.01
539.93	543.82	4.071	33.94	1474.28	1474.28	.00
545.12	549.04	4.090	33.81	1474.28	1474.28	.00
549.78	553.74	4.002	34.05	1474.28	1474.27	-.01
554.96	558.96	4.042	33.90	1474.35	1474.36	.00
560.13	564.17	4.042	33.87	1474.39	1474.40	.01
564.79	568.85	3.963	34.10	1474.43	1474.42	-.01
569.95	574.05	4.002	33.93	1474.47	1474.47	.01
575.11	579.25	3.983	33.94	1474.47	1474.47	.00
579.74	583.92	3.983	33.92	1474.54	1474.54	.00
584.89	589.10	3.954	34.02	1474.62	1474.61	-.01
590.04	594.28	3.983	33.88	1474.65	1474.66	.01
595.17	599.46	3.934	34.04	1474.73	1474.72	-.01
599.79	604.11	3.954	33.85	1474.65	1474.66	.01
604.97	609.28	3.915	33.98	1474.73	1474.72	.00

AD-A068 840 SIPPICAN CORP MARION MA F/G 8/10
EXPENDABLE SOUND VELOCITY AND TEMPERATURE PROBE (XSVT) TO INFER--ETC(U)
1978 N00014-77-C-0769
UNCLASSIFIED R-929 NL

3 OF 3
ADA
068840



END
DATE
FILMED
6-79
DDC

610.04	614.44	3.885	34.07	1474.80	1474.80	-.01
615.16	619.59	3.924	33.93	1474.88	1474.89	.01
619.76	624.22	3.866	34.07	1474.88	1474.88	.00
624.87	629.37	3.924	33.86	1474.95	1474.96	.01
629.97	634.51	3.905	33.90	1474.99	1474.99	.00
635.07	639.64	3.846	34.11	1475.10	1475.10	-.01
640.16	644.77	3.866	34.00	1475.14	1475.15	.01
645.25	649.89	3.875	33.93	1475.18	1475.18	.00
649.82	654.50	3.885	33.84	1475.18	1475.18	.00
654.90	659.61	3.836	34.03	1475.29	1475.28	-.01
659.97	664.72	3.827	33.96	1475.25	1475.26	.01
665.04	669.82	3.797	34.03	1475.29	1475.28	-.01
670.10	674.92	3.758	34.15	1475.37	1475.36	-.01
675.15	680.01	3.797	33.98	1475.40	1475.41	.01
680.20	685.10	3.788	34.01	1475.48	1475.47	-.01
685.25	690.18	3.748	34.11	1475.52	1475.51	.00
689.79	694.75	3.768	33.95	1475.48	1475.49	.01
694.82	699.82	3.778	34.00	1475.67	1475.65	-.01
699.85	704.89	3.709	34.11	1475.59	1475.59	.00
704.88	709.95	3.709	34.09	1475.67	1475.67	.00
709.90	715.01	3.700	34.10	1475.70	1475.70	.00
714.91	720.06	3.670	34.16	1475.74	1475.74	.00
719.92	725.11	3.670	34.14	1475.82	1475.82	.00
724.93	730.15	3.651	34.15	1475.82	1475.81	-.01
729.93	735.18	3.680	34.04	1475.89	1475.90	.01
734.92	740.21	3.651	34.11	1475.93	1475.92	-.01
739.91	745.24	3.651	34.19	1476.12	1476.11	-.01
744.89	750.26	3.631	34.15	1476.08	1476.08	.00
749.87	755.27	3.651	34.08	1476.15	1476.16	.00
754.84	760.28	3.631	34.12	1476.19	1476.18	-.01
759.81	765.28	3.631	34.08	1476.23	1476.24	.01
764.78	770.28	3.602	34.18	1476.30	1476.30	-.01
770.23	775.77	3.573	34.17	1476.27	1476.28	.01
775.18	780.76	3.602	34.04	1476.30	1476.32	.01
780.13	785.74	3.563	34.17	1476.38	1476.37	-.01
785.07	790.72	3.524	34.38	1476.57	1476.56	-.01
790.01	795.69	3.553	34.15	1476.49	1476.50	.00
794.94	800.66	3.582	33.99	1476.49	1476.49	.00
799.86	805.62	3.504	34.28	1476.61	1476.59	-.01
804.78	810.58	3.573	34.02	1476.64	1476.66	.01
810.19	816.02	3.582	34.07	1476.83	1476.82	-.01
815.10	820.97	3.504	34.21	1476.76	1476.75	.00
820.00	825.91	3.485	34.23	1476.79	1476.78	-.01
824.90	830.84	3.553	34.06	1476.94	1476.96	.01
829.80	835.77	3.465	34.32	1476.98	1476.97	-.01
835.18	841.19	3.455	34.27	1476.98	1476.98	.00
840.06	846.11	3.475	34.26	1477.13	1477.13	.00
844.94	851.02	3.485	34.20	1477.17	1477.18	.01
849.81	855.93	3.485	34.23	1477.28	1477.27	-.01
855.16	861.32	3.397	34.37	1477.17	1477.17	.00
860.03	866.22	3.446	34.19	1477.25	1477.25	.01
864.88	871.11	3.475	34.09	1477.32	1477.33	.00
870.22	876.49	3.426	34.25	1477.40	1477.39	-.01

XSVT PROBE #000602

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.079	*****	1405.35	1497.70	.00
10.26	10.33	15.070	*****	1405.35	1497.75	.00
14.81	14.92	15.079	*****	1405.35	1497.86	.00
19.93	20.08	15.079	*****	1405.35	1497.94	.00
25.05	25.23	15.031	*****	1405.35	1497.87	.00
30.16	30.38	15.001	*****	1405.35	1497.85	.00
35.27	35.53	15.040	*****	1405.35	1498.06	.00
39.81	40.10	14.952	*****	1405.35	1497.85	.00
44.91	45.23	13.223	*****	1405.35	1492.19	.00
50.01	50.37	11.231	*****	1405.35	1485.34	.00
55.10	55.50	10.488	*****	1405.35	1482.74	.00
60.19	60.62	9.961	*****	1405.35	1480.89	.00
65.27	65.74	9.717	*****	1405.35	1480.07	.00
69.79	70.29	9.258	*****	1405.35	1478.43	.00
74.86	75.40	9.023	*****	1405.35	1477.63	.00

XSVT PROBE #000603

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.118	*****	1560.17	1509.43	.00
10.26	10.34	15.158	32.20	1504.07	1504.06	-.01
14.82	14.92	15.158	32.27	1504.23	1504.22	-.01
19.94	20.08	15.118	32.44	1504.38	1504.37	-.01
25.06	25.24	15.118	32.39	1504.42	1504.42	.00
30.17	30.39	15.158	32.28	1504.50	1504.51	.01
35.28	35.53	15.079	32.53	1504.62	1504.61	-.01
39.81	40.10	13.966	32.44	1500.99	1501.00	.01
44.92	45.24	11.641	32.51	1493.30	1493.29	-.01
50.01	50.37	10.840	32.77	1490.88	1490.88	-.01
55.10	55.50	10.449	32.67	1489.47	1489.47	.00
60.19	60.62	9.941	32.86	1487.94	1487.93	-.01
65.28	65.75	9.570	32.67	1486.45	1486.45	.00
69.79	70.29	9.228	32.75	1485.34	1485.34	-.01
74.87	75.41	8.974	32.92	1484.70	1484.69	-.01
79.94	80.51	8.554	32.73	1482.99	1482.99	.00
85.01	85.62	8.271	32.77	1482.04	1482.03	-.01
90.07	90.72	8.066	32.97	1481.59	1481.59	.00
95.13	95.81	7.910	32.91	1481.02	1481.03	.01
100.18	100.90	7.636	32.90	1480.04	1480.05	.01
105.23	105.99	7.284	33.05	1478.94	1478.93	-.01
110.28	111.07	7.138	33.04	1478.46	1478.46	.01
114.76	115.59	6.943	33.23	1478.00	1477.99	-.01
119.80	120.66	6.864	33.19	1477.73	1477.74	.00
124.83	125.73	6.718	33.29	1477.36	1477.35	-.01
129.86	130.80	6.630	33.38	1477.21	1477.20	-.01
134.89	135.86	6.523	33.47	1476.98	1476.97	-.01
139.91	140.92	6.503	33.43	1476.94	1476.95	.00
144.93	145.97	6.435	33.65	1477.02	1477.01	-.01
149.94	151.02	6.386	33.68	1476.94	1476.94	.00
154.95	156.06	6.308	33.80	1476.87	1476.86	-.01
159.95	161.11	6.259	33.86	1476.83	1476.83	.00
164.95	166.14	6.269	33.88	1476.98	1476.97	-.01
169.95	171.17	6.181	34.00	1476.87	1476.86	-.01
174.94	176.20	6.190	34.03	1477.02	1477.01	-.01
179.93	181.23	6.249	33.86	1477.13	1477.14	.01
184.91	186.24	6.151	33.90	1476.87	1476.86	-.01
189.89	191.26	6.093	33.96	1476.79	1476.78	-.01
194.87	196.27	6.132	33.94	1477.02	1477.02	.00
199.84	201.28	6.103	33.88	1476.91	1476.91	.01
204.81	206.28	6.044	33.95	1476.83	1476.82	-.01
209.77	211.28	6.024	33.98	1476.87	1476.86	-.01
214.73	216.27	6.005	33.94	1476.83	1476.84	.01
220.23	221.82	5.888	34.01	1476.53	1476.53	.00
225.18	226.80	5.849	33.97	1476.42	1476.43	.01
230.12	231.78	5.790	34.10	1476.42	1476.41	-.01
235.07	236.76	5.731	33.98	1476.12	1476.13	.01
240.00	241.73	5.683	34.13	1476.19	1476.18	-.01
244.93	246.70	5.614	34.17	1476.04	1476.04	-.01
249.86	251.66	5.585	34.13	1475.97	1475.97	.01
254.79	256.62	5.575	34.04	1475.89	1475.90	.01
260.25	262.13	5.468	34.01	1475.52	1475.52	.00
265.17	267.08	5.487	33.74	1475.33	1475.34	.01
270.08	272.02	5.360	33.97	1475.18	1475.17	-.01
274.99	276.97	5.311	33.91	1474.99	1475.00	.01

279.89	281.90	5.243	33.92	1474.80	1474.79	-.01
284.79	286.84	5.165	34.02	1474.69	1474.68	-.01
290.23	292.31	5.155	33.92	1474.62	1474.63	.01
295.11	297.24	5.145	33.77	1474.47	1474.48	.01
300.00	302.16	5.038	34.00	1474.39	1474.39	.00
304.88	307.08	5.009	33.90	1474.24	1474.25	.01
309.76	311.99	4.969	33.88	1474.13	1474.14	.01
315.17	317.44	4.901	34.04	1474.13	1474.13	.00
320.04	322.34	4.901	34.02	1474.20	1474.21	.00
324.90	327.24	4.930	33.92	1474.28	1474.28	.00
329.76	332.14	4.921	33.93	1474.32	1474.31	-.01
335.16	337.57	4.745	34.25	1474.09	1474.08	-.01
340.01	342.46	4.774	34.06	1474.05	1474.06	.01
344.85	347.34	4.794	33.99	1474.13	1474.14	.01
350.23	352.76	4.813	33.89	1474.17	1474.18	.01
355.07	357.63	4.706	34.09	1474.05	1474.04	-.01
359.91	362.50	4.725	34.02	1474.13	1474.14	.01
364.73	367.36	4.716	33.81	1473.90	1473.91	.01
370.09	372.76	4.608	34.01	1473.79	1473.79	-.01
374.92	377.61	4.559	33.98	1473.64	1473.65	.01
380.27	383.00	4.559	33.91	1473.64	1473.65	.01
385.08	387.85	4.540	33.95	1473.68	1473.67	-.01
389.88	392.69	4.501	33.98	1473.64	1473.63	-.01
395.22	398.07	4.520	33.84	1473.64	1473.64	.00
400.02	402.90	4.452	34.01	1473.64	1473.63	-.01
404.81	407.73	4.422	34.05	1473.64	1473.64	.00
410.13	413.09	4.432	33.94	1473.64	1473.65	.01
414.92	417.91	4.413	33.91	1473.60	1473.61	.01
420.23	423.26	4.364	34.04	1473.64	1473.64	.00
425.01	428.07	4.286	34.23	1473.64	1473.64	-.01
429.78	432.87	4.305	34.10	1473.64	1473.65	.01
435.08	438.21	4.471	33.55	1473.72	1473.72	.01
439.84	443.01	4.403	33.78	1473.79	1473.79	.00
445.13	448.33	4.374	33.80	1473.79	1473.78	-.01
449.88	453.12	4.315	33.96	1473.83	1473.82	-.01
455.16	458.44	4.354	33.79	1473.87	1473.87	.01
459.90	463.22	4.315	33.86	1473.87	1473.86	-.01
465.17	468.52	4.325	33.81	1473.94	1473.94	.00
469.91	473.29	4.256	33.96	1473.90	1473.90	.00
475.17	478.59	4.637	32.67	1473.94	1473.94	.00
479.89	483.35	4.393	33.44	1473.98	1473.97	-.01
485.14	488.63	4.422	33.30	1474.02	1474.02	.01
489.86	493.39	4.315	33.60	1474.02	1474.01	.00
495.10	498.66	4.305	33.62	1474.09	1474.08	-.01
499.81	503.41	4.295	33.65	1474.17	1474.16	-.01
505.04	508.67	4.168	34.08	1474.28	1474.27	-.01
510.26	513.93	4.217	33.79	1474.20	1474.21	.01
514.96	518.66	4.217	33.80	1474.28	1474.27	.00
520.17	523.91	4.149	33.95	1474.28	1474.27	-.01
524.86	528.63	4.168	33.82	1474.28	1474.28	.01
530.06	533.88	4.168	33.85	1474.39	1474.38	-.01
535.26	539.11	4.110	33.94	1474.35	1474.34	-.01
539.93	543.82	4.081	33.98	1474.35	1474.35	.00
545.12	549.04	4.110	33.84	1474.39	1474.40	.01
549.78	553.74	4.120	33.80	1474.47	1474.47	.00
554.96	558.96	4.022	34.21	1474.65	1474.64	-.01
560.13	564.17	4.061	33.86	1474.47	1474.47	.00
564.79	568.85	3.973	34.10	1474.47	1474.46	-.01
569.95	574.05	4.325	32.85	1474.43	1474.43	.01
575.11	579.25	4.403	32.59	1474.50	1474.51	.01
579.74	583.92	4.276	33.04	1474.62	1474.61	-.01
584.89	589.10	4.178	33.29	1474.62	1474.61	-.01
590.04	594.28	4.159	33.32	1474.65	1474.65	.00
595.17	599.46	4.081	33.53	1474.69	1474.68	-.01
599.79	604.11	4.061	33.63	1474.80	1474.80	.00
604.92	609.28	4.051	33.66	1474.77	1474.78	.01

610.04	614.44	3.993	33.72	1474.80	1474.80	.00
615.16	619.59	3.993	33.67	1474.84	1474.84	.00
619.76	624.22	3.954	33.75	1474.84	1474.83	-.01
624.87	629.37	3.934	33.87	1474.99	1474.99	.00
629.97	634.51	3.954	33.76	1475.03	1475.04	.01
635.07	639.64	3.963	33.79	1475.18	1475.18	.00
640.16	644.77	4.002	33.58	1475.18	1475.18	.00
645.25	649.89	4.149	33.13	1475.29	1475.30	.01
649.82	654.50	4.110	33.15	1475.22	1475.21	.00
654.90	659.61	3.944	33.80	1475.44	1475.44	.00
659.97	664.72	3.954	33.66	1475.40	1475.41	.00
665.04	669.82	3.905	33.77	1475.40	1475.40	.00
670.10	674.92	3.895	33.73	1475.40	1475.42	.01
675.15	680.01	3.836	33.92	1475.48	1475.47	-.01
680.20	685.10	3.866	33.78	1475.52	1475.53	.01
685.25	690.18	3.885	33.68	1475.55	1475.56	.01
689.79	694.75	3.788	34.01	1475.63	1475.63	.00
694.82	699.82	3.797	33.93	1475.67	1475.67	.00
699.85	704.89	3.817	33.89	1475.78	1475.79	.01
704.88	709.95	3.758	34.03	1475.78	1475.77	.00
709.90	715.01	3.788	33.89	1475.82	1475.83	.01
714.91	720.06	3.709	34.09	1475.82	1475.81	-.01
719.92	725.11	3.748	33.98	1475.93	1475.94	.01
724.93	730.15	3.690	34.11	1475.93	1475.92	-.01
729.93	735.18	3.700	34.03	1475.97	1475.97	.00
734.92	740.21	3.719	33.97	1476.04	1476.05	.01
739.91	745.24	3.670	34.19	1476.19	1476.19	.00
744.89	750.26	3.670	34.11	1476.19	1476.19	.00
749.87	755.27	3.631	34.19	1476.19	1476.19	.00
754.84	760.28	3.651	34.08	1476.23	1476.24	.01
759.81	765.28	3.621	34.18	1476.30	1476.30	-.01
764.78	770.28	3.612	34.14	1476.30	1476.32	.01
770.23	775.77	3.651	33.94	1476.30	1476.31	.01
775.18	780.76	3.573	34.23	1476.42	1476.41	.00
780.13	785.74	3.543	34.26	1476.42	1476.41	-.01
785.07	790.72	3.612	33.96	1476.42	1476.42	.00
790.01	795.69	3.543	34.20	1476.49	1476.49	.00
794.94	800.66	3.563	34.12	1476.57	1476.58	.01
799.86	805.62	3.553	34.11	1476.61	1476.61	.00
804.78	810.58	3.504	34.31	1476.72	1476.71	-.01
810.19	816.02	3.504	34.29	1476.79	1476.80	.01
815.10	820.97	3.563	34.09	1476.87	1476.87	.01
820.00	825.91	3.495	34.35	1476.98	1476.98	.00
824.90	830.84	3.485	34.31	1476.98	1476.99	.01
829.80	835.77	3.455	34.44	1477.09	1477.09	-.01
835.18	841.19	3.495	34.23	1477.09	1477.10	.01
840.06	846.11	3.485	34.27	1477.17	1477.16	-.01
844.94	851.02	3.475	34.33	1477.28	1477.28	.00
849.81	855.93	3.495	34.13	1477.21	1477.21	.00
855.16	861.32	3.475	34.25	1477.36	1477.35	-.01
860.03	866.22	3.524	34.14	1477.51	1477.52	.01
864.88	871.11	3.416	34.38	1477.43	1477.42	-.01
870.22	876.49	3.397	34.37	1477.43	1477.45	.01

XSVT PROBE #000604

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.158	32.18	1503.95	1503.95	.00
10.26	10.34	15.109	32.37	1504.11	1504.10	-.01
14.82	14.92	15.138	32.35	1504.27	1504.27	.01
19.94	20.08	15.070	32.57	1504.38	1504.37	-.01
25.08	25.24	15.109	32.42	1504.42	1504.43	.01
30.17	30.39	15.109	32.46	1504.54	1504.54	.00
35.28	35.53	15.031	32.67	1504.62	1504.62	.00
39.81	40.10	13.468	32.55	1499.48	1499.49	.01
44.92	45.24	11.612	32.69	1493.42	1493.41	-.01
50.01	50.37	10.762	32.87	1490.73	1490.72	-.01
55.10	55.50	10.107	32.91	1488.51	1488.50	-.01
60.19	60.62	9.971	32.99	1488.20	1488.19	-.01
65.28	65.75	9.619	32.90	1486.91	1486.91	.00
69.79	70.29	9.306	32.82	1485.72	1485.74	.01
74.87	75.41	9.023	32.87	1484.81	1484.81	.00
79.94	80.51	8.672	32.94	1483.67	1483.67	.00
85.01	85.62	8.339	32.92	1482.50	1482.50	.00
90.07	90.72	8.144	33.00	1481.93	1481.92	-.01
95.13	95.81	7.929	32.91	1481.09	1481.10	.00
100.18	100.90	7.685	32.81	1480.11	1480.12	.01
105.23	105.99	7.324	33.02	1479.05	1479.05	.00
110.28	111.07	7.187	33.08	1478.68	1478.68	.00
114.76	115.59	7.001	33.20	1478.19	1478.18	-.01
119.80	120.66	6.894	33.23	1477.89	1477.88	-.01
124.83	125.73	6.757	33.26	1477.47	1477.46	-.01
129.86	130.80	6.659	33.41	1477.36	1477.35	-.01
134.89	135.86	6.552	33.53	1477.17	1477.16	-.01
139.91	140.92	6.532	33.43	1477.06	1477.06	.01
144.93	145.97	6.435	33.59	1476.94	1476.94	-.01
149.94	151.02	6.376	33.74	1476.98	1476.98	-.01
154.95	156.06	6.396	33.60	1476.98	1476.99	.00
159.95	161.11	6.278	33.89	1476.94	1476.94	.00
164.95	166.14	6.278	33.84	1476.98	1476.98	.00
169.95	171.17	6.308	33.68	1476.98	1476.98	.00
174.94	176.20	6.249	33.90	1477.09	1477.08	-.01
179.93	181.23	6.249	33.93	1477.21	1477.20	.00
184.91	186.24	6.200	33.80	1476.94	1476.95	.01
189.89	191.26	6.190	33.89	1477.09	1477.08	-.01
194.87	196.27	6.190	33.88	1477.17	1477.18	.01
199.84	201.28	6.151	33.79	1476.98	1476.99	.01
204.81	206.28	6.034	34.04	1476.91	1476.89	-.01
209.77	211.28	6.054	33.91	1476.91	1476.92	.01
214.73	216.27	6.005	33.92	1476.79	1476.79	.00
220.23	221.82	5.917	34.01	1476.64	1476.64	.00
225.18	226.80	5.897	34.06	1476.72	1476.71	-.01
230.12	231.78	5.819	34.07	1476.49	1476.49	.00
235.07	236.76	5.800	33.88	1476.27	1476.28	.01
240.00	241.73	5.731	34.07	1476.30	1476.30	-.01
244.93	246.70	5.673	34.10	1476.19	1476.18	-.01
249.86	251.66	8.125	*****	1475.97	1479.66	-.01
254.78	256.62	8.896	*****	1475.85	1480.09	-.01
260.25	262.12	11.807	*****	1475.59	1490.82	-.01
265.16	267.07	19.104	*****	1475.40	1514.33	-.01
270.07	272.02	31.206	*****	1475.37	1544.16	-.01
274.98	276.96	36.667	*****	1475.14	1554.48	-.01

279.88	281.90	35.348	*****	1474.95	1552.25	-.01
284.78	286.83	34.020	*****	1474.77	1549.90	-.01
290.22	292.31	34.010	*****	1474.65	1549.97	-.01
295.11	297.23	36.667	*****	1474.47	1554.81	-.01
299.99	302.15	30.474	*****	1474.39	1543.14	-.01
304.88	307.07	30.630	*****	1474.39	1543.55	-.01
309.75	311.98	31.011	*****	1474.20	1544.42	-.01
315.17	317.44	23.050	*****	1474.20	1526.02	-.01
320.03	322.34	23.480	*****	1474.24	1527.21	-.01
324.90	327.24	22.239	*****	1474.28	1524.04	-.01
329.76	332.13	18.967	*****	1474.32	1514.99	-.01
335.15	337.57	16.164	*****	1474.32	1506.58	-.01
340.00	342.45	16.271	*****	1474.39	1507.00	-.01
344.85	347.33	14.513	*****	1474.24	1501.43	-.01
350.23	352.75	13.634	*****	1474.35	1498.59	-.01
355.07	357.62	12.676	*****	1474.17	1495.41	-.01
359.90	362.49	12.540	*****	1474.09	1495.02	-.01
364.73	367.36	11.778	*****	1474.09	1492.43	-.01
370.09	372.75	11.661	*****	1473.83	1492.11	-.01
374.91	377.61	11.534	*****	1473.68	1491.74	-.01
380.26	383.00	11.338	*****	1473.68	1491.13	-.01
385.07	387.84	11.231	*****	1473.72	1490.82	-.01
389.88	392.69	11.182	*****	1473.68	1490.73	-.01
395.22	398.06	10.860	*****	1473.68	1489.66	-.01

XSVT PROBE #000605

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.167	32.08	1503.88	1503.87	-.01
10.26	10.34	15.128	32.32	1504.11	1504.11	.00
14.82	14.92	15.138	32.36	1504.27	1504.26	-.01
19.94	20.08	15.138	32.39	1504.38	1504.38	.00
25.06	25.24	15.109	32.43	1504.42	1504.42	.00
30.17	30.39	15.099	32.52	1504.58	1504.57	.00
35.28	35.53	14.474	32.18	1502.28	1502.28	.00
39.81	40.10	12.813	32.58	1497.31	1497.31	.00
44.92	45.24	11.231	32.78	1492.19	1492.18	.00
50.01	50.37	10.645	32.93	1490.38	1490.38	-.01
55.10	55.50	10.127	32.84	1488.51	1488.52	.01
60.19	60.62	9.980	32.87	1488.09	1488.08	-.01
65.28	65.75	9.570	32.74	1486.52	1486.53	.01
69.79	70.29	9.297	32.82	1485.69	1485.68	-.01
74.87	75.41	9.013	32.93	1484.85	1484.85	.00
79.94	80.51	8.603	32.80	1483.25	1483.26	.01
85.01	85.62	8.261	32.96	1482.23	1482.23	.00
90.07	90.72	8.125	33.09	1481.97	1481.96	-.01
95.13	95.81	8.125	32.86	1481.78	1481.78	.01
100.18	100.90	7.783	32.97	1480.68	1480.67	-.01
105.23	105.99	7.509	32.92	1479.66	1479.67	.01
110.28	111.07	7.275	33.07	1479.02	1479.01	-.01
114.76	115.59	7.109	33.14	1478.53	1478.52	.00
119.80	120.66	6.962	33.13	1478.04	1478.04	.01
124.83	125.73	6.767	33.38	1477.66	1477.65	-.01
129.86	130.80	6.679	33.47	1477.51	1477.50	-.01
134.89	135.86	6.630	33.31	1477.21	1477.22	.01
139.91	140.92	6.493	33.71	1477.25	1477.24	-.01
144.93	145.97	6.493	33.46	1477.02	1477.03	.01
149.94	151.02	6.425	33.62	1477.02	1477.02	.00
154.95	156.06	6.396	33.64	1477.02	1477.01	-.01
159.95	161.11	6.366	33.63	1476.98	1476.99	.01
164.95	166.14	6.259	33.94	1477.02	1477.01	-.01
169.95	171.17	5.995	34.71	1477.02	1477.01	-.01
174.94	176.20	6.093	34.45	1477.17	1477.18	.01
179.93	181.23	6.171	34.07	1477.09	1477.10	.00
184.91	186.24	6.122	34.20	1477.13	1477.12	-.01
189.89	191.26	6.151	33.98	1477.06	1477.07	.01
194.87	196.27	5.985	34.45	1477.06	1477.05	.00
199.84	201.28	5.937	34.62	1477.17	1477.16	-.01
204.81	206.28	6.093	33.91	1476.98	1476.99	.01
209.77	211.28	6.015	34.10	1476.98	1476.98	-.01
214.73	216.27	5.995	34.00	1476.87	1476.88	.01
220.23	221.82	5.956	33.96	1476.76	1476.76	.00
225.18	226.80	5.849	34.04	1476.49	1476.49	.00
230.12	231.78	5.810	34.03	1476.42	1476.43	.01
235.07	236.76	5.976	33.44	1476.42	1476.43	.01
240.00	241.73	5.712	34.13	1476.30	1476.30	-.01
244.93	246.70	5.790	33.69	1476.15	1476.16	.01
249.86	251.66	5.692	33.92	1476.12	1476.11	.00
254.79	256.62	5.683	33.75	1475.97	1475.97	.00
260.25	262.13	5.556	33.86	1475.67	1475.66	-.01
265.17	267.08	5.487	33.80	1475.40	1475.41	.01
270.08	272.02	5.429	33.87	1475.33	1475.32	-.01
274.99	276.97	5.311	33.79	1474.84	1474.85	.01

279.89	281.90	5.253	33.76	1474.65	1474.65	.00
284.79	286.84	5.184	33.78	1474.47	1474.45	-.01
290.23	292.31	5.155	33.95	1474.65	1474.64	-.01
295.11	297.24	5.077	33.93	1474.39	1474.40	.01
300.00	302.16	5.077	33.86	1474.39	1474.39	.00
304.88	307.08	5.067	33.83	1474.39	1474.39	.00
309.76	311.99	4.979	33.88	1474.17	1474.15	-.01
315.17	317.44	5.018	33.74	1474.24	1474.25	.01
320.04	322.34	4.882	34.09	1474.20	1474.19	-.01
324.90	327.24	4.950	33.83	1474.24	1474.24	.00
329.76	332.14	4.911	33.96	1474.32	1474.31	-.01
335.16	337.57	4.911	33.82	1474.24	1474.24	.00
340.01	342.46	4.891	33.87	1474.28	1474.28	.00
344.85	347.34	4.882	33.89	1474.35	1474.34	-.01
350.23	352.76	5.614	31.44	1474.32	1474.33	.01
355.07	357.63	5.194	32.61	1474.17	1474.16	-.01
359.91	362.50	5.018	33.11	1474.17	1474.15	-.01
364.73	367.36	4.833	33.53	1474.02	1474.01	-.01
370.09	372.76	4.676	33.79	1473.79	1473.78	-.01
374.92	377.61	4.667	33.63	1473.64	1473.65	.01
380.27	383.00	4.657	33.62	1473.68	1473.68	.00
385.08	387.85	4.637	33.60	1473.64	1473.65	.01
389.88	392.69	4.569	33.76	1473.64	1473.63	-.01
395.22	398.07	4.549	33.82	1473.72	1473.71	.00
400.02	402.90	4.559	33.69	1473.68	1473.69	.01
404.81	407.73	4.647	33.34	1473.68	1473.68	.01
410.13	413.09	4.549	33.54	1473.60	1473.60	-.01
414.92	417.91	4.442	33.82	1473.60	1473.59	-.01
420.23	423.26	4.491	33.62	1473.64	1473.65	.01
425.01	428.07	4.755	32.73	1473.68	1473.68	.00
429.78	432.87	4.540	33.46	1473.79	1473.78	-.01
435.08	438.21	4.413	33.81	1473.79	1473.79	.00
439.84	443.01	4.374	33.84	1473.75	1473.74	-.01
445.13	448.33	4.422	33.67	1473.83	1473.84	.01
449.88	453.12	4.374	33.83	1473.90	1473.90	-.01
455.16	458.44	4.354	33.86	1473.94	1473.94	.00
459.90	463.22	4.276	33.99	1473.87	1473.86	-.01
465.17	468.52	4.325	33.81	1473.94	1473.94	.00
469.91	473.29	4.335	33.72	1473.94	1473.95	.01
475.17	478.59	4.286	33.88	1474.02	1474.01	-.01
479.89	483.35	4.198	34.08	1473.98	1473.98	.00
485.14	488.63	4.247	33.93	1474.09	1474.10	.01
489.86	493.39	4.237	33.94	1474.13	1474.12	.00
495.10	498.66	4.227	33.96	1474.20	1474.19	-.01
499.81	503.41	4.178	34.09	1474.24	1474.23	-.01
505.04	508.67	4.276	33.78	1474.35	1474.36	.00
510.26	513.93	5.468	29.89	1474.39	1474.39	.00
514.96	518.66	4.540	32.84	1474.39	1474.39	-.01
520.17	523.91	4.559	32.70	1474.39	1474.40	.01
524.86	528.63	4.374	33.28	1474.43	1474.42	.00
530.06	533.88	4.344	33.34	1474.47	1474.46	-.01
535.26	539.11	4.227	33.85	1474.47	1474.46	-.01
539.93	543.82	4.315	33.30	1474.47	1474.48	.01
545.12	549.04	4.129	33.84	1474.47	1474.45	-.01
549.78	553.74	4.520	32.53	1474.50	1474.50	.00
554.96	558.96	4.208	33.52	1474.54	1474.53	-.01
560.13	564.17	4.178	33.55	1474.54	1474.53	-.01
564.79	568.85	4.110	33.71	1474.54	1474.53	-.01
569.95	574.05	4.051	33.90	1474.62	1474.61	.00
575.11	579.25	4.002	34.02	1474.65	1474.65	.00
579.74	583.92	4.071	33.72	1474.65	1474.65	.00
584.89	589.10	4.012	33.92	1474.73	1474.72	-.01
590.04	594.28	4.100	33.59	1474.77	1474.78	.01
595.17	599.46	4.081	33.71	1474.92	1474.91	-.01
599.79	604.11	3.993	33.94	1474.92	1474.91	.00
604.92	609.28	3.973	33.93	1474.92	1474.93	.01

610.04	614.44	3.973	33.89	1474.95	1474.96	.01
615.16	619.59	3.944	34.02	1475.07	1475.06	.00
619.76	624.22	3.983	33.85	1475.10	1475.11	.01
624.87	629.37	3.895	34.14	1475.18	1475.17	-.01
629.97	634.51	4.012	33.68	1475.18	1475.18	.00
635.07	639.64	4.129	33.67	1475.74	1475.74	.00
640.16	644.77	3.954	33.90	1475.37	1475.36	.00
645.25	649.89	3.944	33.85	1475.37	1475.37	.00
649.82	654.50	3.973	33.73	1475.40	1475.41	.01
654.90	659.61	3.905	33.90	1475.40	1475.40	.00
659.97	664.72	3.983	33.63	1475.48	1475.49	.01
665.04	669.82	3.905	33.86	1475.52	1475.52	.00
670.10	674.92	3.846	33.95	1475.48	1475.47	-.01
675.15	680.01	3.846	33.98	1475.59	1475.59	.00
680.20	685.10	3.885	33.83	1475.67	1475.67	.00
685.25	690.18	3.895	33.74	1475.67	1475.68	.01
689.79	694.75	3.778	34.07	1475.67	1475.66	-.01
694.82	699.82	3.827	33.95	1475.82	1475.82	.01
699.85	704.89	3.768	34.06	1475.78	1475.77	-.01
704.88	709.95	3.875	33.70	1475.85	1475.87	.01
709.90	715.01	3.954	33.46	1475.97	1475.97	.01
714.91	720.06	3.827	33.79	1475.93	1475.92	-.01
719.92	725.11	3.817	33.69	1475.85	1475.86	.00
724.93	730.15	3.836	33.65	1475.97	1475.97	.00
729.93	735.18	3.973	33.20	1476.04	1476.05	.01
734.92	740.21	4.100	32.72	1476.04	1476.04	.00
739.91	745.24	4.325	32.04	1476.19	1476.19	.00
744.89	750.26	4.354	31.88	1476.19	1476.19	.00
749.87	755.27	4.227	32.30	1476.27	1476.26	-.01
754.84	760.28	4.081	32.77	1476.34	1476.33	-.01
759.81	765.28	4.149	32.48	1476.34	1476.35	.01
764.78	770.28	4.042	32.80	1476.38	1476.37	-.01
770.23	775.77	4.012	32.86	1476.42	1476.41	.00
775.18	780.76	4.051	32.66	1476.42	1476.43	.01
780.13	785.74	4.002	32.82	1476.49	1476.48	-.01
785.07	790.72	4.354	31.63	1476.53	1476.54	.00
790.01	795.69	4.051	32.59	1476.57	1476.56	-.01
794.94	800.66	4.042	32.58	1476.61	1476.61	.01
799.86	805.62	3.983	32.81	1476.72	1476.72	.00
804.78	810.58	3.905	32.97	1476.68	1476.68	-.01
810.19	816.02	3.954	32.79	1476.76	1476.76	.01
815.10	820.97	4.032	32.62	1476.94	1476.96	.01
820.00	825.91	3.924	32.92	1476.94	1476.94	.00
824.90	830.84	3.817	33.23	1476.98	1476.97	-.01
829.80	835.77	3.778	33.33	1477.02	1477.02	.00
835.18	841.19	3.944	32.73	1477.06	1477.06	.00
840.06	846.11	3.788	33.28	1477.17	1477.17	.00
844.94	851.02	3.788	33.23	1477.21	1477.21	.00
849.81	855.93	3.690	33.56	1477.28	1477.27	-.01
855.16	861.32	3.690	33.51	1477.32	1477.32	.00
860.02	866.21	1.062	*****	1477.36	1472.53	.00
864.88	871.11	10.742	*****	1477.40	1496.96	.00
870.22	876.48	13.790	*****	1477.28	1507.67	.00

XSVT PROBE #0006O6

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.138	31.82	1503.49	1503.49	.01
10.26	10.34	15.089	32.49	1504.19	1504.18	-.01
14.82	14.92	15.109	32.46	1504.30	1504.31	.00
19.94	20.08	15.079	32.68	1504.54	1504.53	-.01
25.06	25.24	15.089	32.47	1504.42	1504.42	.00
30.17	30.39	14.991	32.61	1504.34	1504.34	-.01
35.28	35.53	13.282	32.62	1498.86	1498.86	.00
39.81	40.10	12.872	28.79	1493.03	1493.04	.00
44.92	45.24	11.612	30.93	1491.30	1491.30	-.01
50.01	50.37	10.654	31.55	1488.74	1488.74	.00
55.10	55.50	10.371	32.03	1488.39	1488.39	-.01
60.19	60.62	10.195	32.04	1487.86	1487.85	-.01
65.28	65.75	9.795	31.97	1486.41	1486.42	.01
69.79	70.29	9.795	31.06	1485.38	1485.38	.00
74.87	75.41	9.668	30.35	1484.13	1484.13	.01
79.94	80.51	10.352	26.91	1482.53	1482.54	.01
85.01	85.62	11.348	23.38	1481.97	1481.97	.01
90.07	90.72	12.081	20.99	1481.81	1481.82	.00
95.13	95.81	13.380	16.85	1481.55	1481.55	.01
100.18	100.90	14.757	*****	1480.49	1480.51	.01
105.23	105.98	15.802	*****	1479.51	1501.66	.01
110.27	111.07	17.082	*****	1478.98	1505.74	.01
114.76	115.58	18.557	*****	1478.53	1510.25	.01
119.79	120.66	20.393	*****	1478.15	1515.61	.01
124.83	125.73	19.446	*****	1477.70	1513.01	.01
129.86	130.79	21.849	*****	1477.77	1519.78	.01
134.88	135.85	23.607	*****	1477.40	1524.48	.01
139.90	140.91	22.640	*****	1477.13	1522.05	.01
144.92	145.97	24.349	*****	1477.06	1526.53	.01
149.93	151.01	24.144	*****	1477.02	1526.10	.01
154.94	156.06	24.369	*****	1477.09	1526.74	.01
159.95	161.10	25.326	*****	1477.02	1529.19	.01
164.95	166.14	25.170	*****	1477.09	1528.89	.01
169.94	171.17	24.681	*****	1477.09	1527.77	.01
174.94	176.20	24.447	*****	1477.25	1527.27	.01
179.92	181.22	23.177	*****	1477.17	1524.12	.01
184.91	186.24	23.929	*****	1477.17	1526.13	.01
189.89	191.25	24.085	*****	1477.13	1526.61	.01

XSVT PROBE #000607

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.128	32.12	1503.80	1503.79	-.01
10.26	10.34	15.158	32.09	1503.95	1503.96	.00
14.82	14.92	15.099	32.33	1504.11	1504.10	-.01
19.93	20.08	15.099	*****	1405.35	1498.39	-.01
25.05	25.23	15.040	*****	1405.35	1497.90	-.01
30.16	30.38	15.060	*****	1405.35	1498.05	-.01
35.27	35.53	14.337	*****	1405.35	1495.77	-.01
39.81	40.10	12.061	*****	1405.35	1488.10	-.01
44.91	45.23	10.947	*****	1405.35	1484.23	-.01
50.01	50.37	10.352	*****	1405.35	1482.16	-.01
55.10	55.50	10.020	*****	1405.35	1481.02	-.01
60.19	60.62	10.029	*****	1405.35	1481.14	-.01
65.27	65.74	9.394	*****	1405.35	1478.87	-.01
69.79	70.29	9.062	*****	1405.35	1477.69	-.01
74.86	75.40	8.808	*****	1405.35	1476.81	-.01
79.93	80.51	8.291	*****	1405.35	1474.92	-.01
85.00	85.61	8.066	*****	1405.35	1474.14	-.01
90.06	90.71	8.027	*****	1405.35	1474.07	-.01
95.12	95.81	7.753	*****	1405.35	1473.09	-.01

XSVT PROBE #000608

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.148	32.14	1503.88	1503.87	.00
10.26	10.34	15.138	32.29	1504.11	1504.10	-.01
14.82	14.92	15.118	32.35	1504.19	1504.18	.00
19.94	20.08	15.099	32.46	1504.34	1504.34	-.01
25.06	25.24	15.109	32.39	1504.38	1504.39	.01
30.17	30.39	15.079	32.47	1504.46	1504.45	-.01
35.28	35.53	13.429	32.19	1498.86	1498.86	.00
39.81	40.10	11.495	32.59	1492.80	1492.80	.00
44.92	45.24	10.694	32.76	1490.27	1490.26	-.01
50.01	50.37	10.391	32.89	1489.43	1489.42	-.01
55.10	55.50	10.156	32.88	1488.66	1488.67	.01
60.19	60.62	10.020	33.10	1488.51	1488.50	-.01
65.28	65.75	9.453	32.87	1486.26	1486.26	.01
69.79	70.29	9.150	32.92	1485.27	1485.26	-.01
74.87	75.41	8.808	32.89	1484.05	1484.06	.01
79.94	80.51	8.379	32.97	1482.61	1482.61	.00
85.01	85.62	8.085	33.00	1481.62	1481.61	-.01
90.07	90.72	7.978	33.14	1481.47	1481.46	-.01
95.13	95.81	7.695	32.99	1480.30	1480.30	.00
100.18	100.90	7.431	33.12	1479.51	1479.51	.00
105.23	105.99	7.333	33.01	1479.09	1479.10	.01
110.28	111.07	7.158	33.20	1478.71	1478.71	.00
114.76	115.59	7.050	33.10	1478.26	1478.27	.01
119.80	120.66	6.943	33.14	1477.96	1477.96	.00
124.83	125.73	6.825	33.32	1477.81	1477.80	-.01
129.86	130.80	6.757	33.16	1477.43	1477.44	.01
134.89	135.86	6.650	31.51	1475.03	1475.04	.01
139.90	140.91	6.503	*****	1430.17	1468.26	.01
144.92	145.97	6.425	*****	1405.35	1468.64	.01
149.93	151.01	6.425	*****	1405.35	1468.72	.01
154.94	156.06	6.327	*****	1405.35	1468.41	.01
159.95	161.10	6.317	*****	1405.35	1468.45	.01
164.95	166.14	6.259	*****	1405.35	1468.30	.01
169.94	171.17	6.220	*****	1405.35	1468.22	.01
174.94	176.20	6.190	*****	1405.35	1468.18	.01
179.92	181.22	6.190	*****	1405.35	1468.26	.01
184.91	186.24	6.151	*****	1405.35	1468.19	.01
189.89	191.25	6.112	*****	1405.35	1468.11	.01
194.86	196.27	6.054	*****	1405.35	1467.96	.01
199.83	201.27	6.024	*****	1405.35	1467.92	.01
204.80	206.27	6.015	*****	1405.35	1467.96	.01
209.76	211.27	5.956	*****	1405.35	1467.80	.01
214.72	216.27	5.897	*****	1405.35	1467.64	.01
220.23	221.81	5.946	*****	1405.35	1467.93	.01
225.17	226.80	5.878	*****	1405.35	1467.74	.01

XSVT PROBE #000609

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY O/OO	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.011	*****	1405.35	1497.48	.00
10.26	10.33	15.011	*****	1405.35	1497.56	.00
14.81	14.92	14.523	*****	1405.35	1496.04	.00
19.93	20.08	15.079	*****	1405.35	1497.94	.00
25.05	25.23	15.050	*****	1405.35	1497.93	.00
30.16	30.38	15.079	*****	1405.35	1498.11	.00
35.27	35.53	14.230	*****	1405.35	1495.41	.00
39.81	40.10	11.582	*****	1405.35	1486.42	.00
44.91	45.23	10.742	*****	1405.35	1483.49	.00
50.01	50.37	10.410	*****	1405.35	1482.37	.00
55.10	55.50	10.264	*****	1405.35	1481.92	.00
60.19	60.62	10.068	*****	1405.35	1481.28	.00
65.27	65.74	9.600	*****	1405.35	1479.64	.00
69.79	70.29	9.248	*****	1405.35	1478.39	.00
74.86	75.40	8.711	*****	1405.35	1476.45	.00
79.93	80.51	8.515	*****	1405.35	1475.78	.00
85.00	85.61	8.134	*****	1405.35	1474.40	.00
90.06	90.71	7.919	*****	1405.35	1473.65	.00

XSVT PROBE #000610

DEPTH METERS	PRESSURE DECIBARS	TEMPERATURE DEG C	SALINITY 0/00	MEASURED VELOCITY M/SEC	CALCULATED VELOCITY M/SEC	DIFFERENCE M/SEC
5.13	5.17	15.148	32.14	1503.88	1503.87	.00
10.26	10.34	15.158	32.20	1504.07	1504.06	-.01
14.82	14.92	15.167	32.25	1504.23	1504.22	.00
19.94	20.08	15.118	32.44	1504.38	1504.37	-.01
25.06	25.24	15.079	32.61	1504.54	1504.53	-.01
30.17	30.39	15.118	32.39	1504.50	1504.51	.01
35.28	35.53	13.028	32.28	1497.62	1497.63	.01
39.81	40.10	11.260	32.79	1492.23	1492.21	-.01
44.92	45.24	10.645	32.94	1490.31	1490.30	.00
50.01	50.37	10.303	32.89	1489.12	1489.13	.01
55.10	55.50	10.215	32.77	1488.74	1488.75	.01
60.19	60.62	10.088	32.80	1488.39	1488.39	-.01
65.28	65.75	10.186	31.27	1486.98	1486.99	.01
69.79	70.29	9.766	31.63	1485.95	1485.95	-.01
74.87	75.41	9.121	31.89	1483.98	1483.97	.00
79.94	80.51	9.092	30.82	1482.65	1482.66	.01
85.01	85.62	8.867	30.83	1481.89	1481.89	.00
90.07	90.72	8.554	31.13	1481.17	1481.16	-.01
95.13	95.81	8.056	31.89	1480.30	1480.29	-.01
100.18	100.90	7.714	32.27	1479.54	1479.54	-.01
105.23	105.99	7.470	32.29	1478.71	1478.71	-.01
110.28	111.07	7.284	32.50	1478.34	1478.33	-.01
114.76	115.59	7.167	32.66	1478.15	1478.15	.00
119.80	120.66	7.079	32.74	1478.00	1477.99	-.01
124.83	125.73	7.021	32.80	1477.92	1477.92	.00
129.86	130.80	6.825	32.95	1477.43	1477.42	-.01
134.89	135.86	6.698	33.20	1477.32	1477.32	.00
139.91	140.92	6.659	33.15	1477.21	1477.21	.00
144.93	145.97	6.513	33.46	1477.09	1477.08	-.01
149.94	151.02	6.474	33.42	1476.98	1476.99	.00
154.95	156.06	6.464	33.49	1477.09	1477.09	.00
159.95	161.11	6.386	33.70	1477.13	1477.13	.00
164.95	166.14	6.396	33.59	1477.13	1477.14	.00
169.95	171.17	6.317	33.75	1477.09	1477.08	-.01
174.94	176.20	6.259	33.96	1477.21	1477.20	-.01
179.93	181.23	6.288	33.80	1477.21	1477.22	.01
184.91	186.24	6.298	33.73	1477.25	1477.25	.01
189.89	191.26	6.220	33.80	1477.09	1477.09	-.01
194.87	196.27	6.122	34.07	1477.13	1477.12	-.01
199.84	201.28	6.171	33.76	1477.02	1477.03	.01
204.81	206.28	6.112	33.98	1477.13	1477.13	.00
209.77	211.28	6.083	33.85	1476.94	1476.96	.01
214.73	216.27	6.005	34.07	1476.98	1476.98	.00
220.23	221.82	5.995	33.99	1476.94	1476.95	.01
225.18	226.80	5.995	33.89	1476.91	1476.91	.00
230.12	231.78	5.966	33.77	1476.72	1476.72	.00
235.07	236.76	5.839	33.97	1476.53	1476.52	-.01
240.00	241.73	5.819	33.87	1476.42	1476.42	.01
244.93	246.70	5.800	33.75	1476.27	1476.28	.01
249.86	251.66	5.712	33.91	1476.19	1476.18	-.01
254.79	256.62	5.624	33.95	1475.97	1475.96	-.01
260.25	262.13	5.595	33.87	1475.85	1475.86	.00
265.17	267.08	5.604	33.81	1475.89	1475.90	.00
270.08	272.02	5.458	33.96	1475.55	1475.55	.00
274.99	276.97	5.341	34.09	1475.33	1475.32	.00

279.89	281.90	5.292	33.88	1474.95	1474.96	.01
284.79	286.84	5.194	34.14	1474.95	1474.95	.00
290.23	292.31	5.155	33.92	1474.62	1474.63	.01
295.11	297.24	5.106	34.05	1474.65	1474.65	.00
300.00	302.16	5.057	34.14	1474.65	1474.64	-.01
304.88	307.08	5.057	34.04	1474.62	1474.62	.01
309.76	311.99	5.048	33.98	1474.58	1474.59	.01
315.17	317.44	5.028	34.01	1474.62	1474.61	-.01
320.04	322.34	5.009	34.00	1474.62	1474.62	.01
324.90	327.24	4.940	33.95	1474.35	1474.36	.00
329.76	332.14	4.911	33.96	1474.32	1474.31	-.01
335.16	337.57	4.852	34.05	1474.28	1474.27	-.01
340.01	342.46	4.882	33.86	1474.24	1474.25	.01
344.85	347.34	4.813	34.03	1474.24	1474.24	.00
350.23	352.76	4.774	33.98	1474.13	1474.13	.00
355.07	357.63	4.745	34.02	1474.13	1474.12	-.01
359.91	362.50	4.745	33.86	1474.02	1474.02	.00
364.73	367.36	4.628	34.07	1473.87	1473.86	-.01
370.09	372.76	4.618	33.94	1473.75	1473.76	.01
374.92	377.61	4.608	33.95	1473.79	1473.79	.00
380.27	383.00	4.530	34.01	1473.64	1473.63	-.01
385.08	387.85	4.501	34.05	1473.64	1473.64	.00
389.88	392.69	4.452	34.11	1473.60	1473.59	-.01
395.22	398.07	4.432	34.14	1473.64	1473.64	.00
400.02	402.90	4.432	34.10	1473.68	1473.69	.01
404.81	407.73	4.422	34.14	1473.75	1473.75	.00
410.13	413.09	4.413	34.09	1473.75	1473.76	.01
414.92	417.91	4.383	34.16	1473.79	1473.78	-.01
420.23	423.26	4.657	33.20	1473.79	1473.80	.01
425.01	428.07	4.598	33.37	1473.83	1473.83	.00
429.78	432.87	4.579	33.40	1473.87	1473.86	.00
435.08	438.21	4.452	33.77	1473.90	1473.90	.00
439.84	443.01	4.501	33.54	1473.90	1473.91	.01
445.13	448.33	5.253	31.22	1474.13	1474.13	.01
449.88	453.12	4.950	32.18	1474.17	1474.17	.00
455.16	458.44	4.803	32.61	1474.20	1474.20	-.01
459.90	463.22	4.735	32.58	1473.98	1473.98	.00
465.17	468.52	4.686	32.86	1474.20	1474.20	-.01
469.91	473.29	4.667	32.82	1474.17	1474.17	.01
475.17	478.59	4.696	32.66	1474.17	1474.17	.01
479.89	483.35	5.419	30.24	1474.13	1474.14	.01
485.14	488.63	4.940	31.78	1474.20	1474.19	-.01
489.86	493.39	4.745	32.38	1474.24	1474.23	-.01
495.10	498.66	4.716	32.47	1474.32	1474.31	.00
499.81	503.41	4.647	32.69	1474.39	1474.39	.00
505.04	508.67	4.911	31.76	1474.39	1474.40	.01
510.26	513.93	5.311	30.40	1474.39	1474.40	.01
514.96	518.66	4.745	32.23	1474.47	1474.45	-.01
520.17	523.91	4.569	32.74	1474.47	1474.46	.00
524.86	528.63	4.501	32.90	1474.47	1474.46	.00
530.06	533.88	4.452	32.99	1474.47	1474.46	-.01
535.26	539.11	4.344	33.30	1474.50	1474.49	-.01
539.93	543.82	4.344	33.20	1474.47	1474.47	.00
545.12	549.04	4.305	33.30	1474.50	1474.49	-.01
549.78	553.74	4.237	33.43	1474.47	1474.45	-.01
554.96	558.96	4.188	33.56	1474.50	1474.50	.00
560.13	564.17	4.188	33.51	1474.54	1474.55	.01
564.79	568.85	4.149	33.59	1474.54	1474.54	.00
569.95	574.05	4.139	33.61	1474.62	1474.61	-.01
575.11	579.25	4.129	33.60	1474.65	1474.66	.01
579.74	583.92	4.081	33.70	1474.65	1474.64	-.01
584.89	589.10	36.667	*****	1474.65	1561.35	-.01
590.03	594.28	36.667	*****	1474.73	1559.70	-.01
595.17	599.45	36.667	*****	1474.62	1559.79	-.01
599.79	604.11	36.667	*****	1474.73	1559.86	-.01
604.92	609.27	36.667	*****	1474.92	1559.95	-.01